206

# HOURLY READINGS

FROM THE

# SELF RECORDING INSTRUMENTS,

AT THE

# SEVEN OBSERVATORIES,

IN CONNECTION WITH THE

# METEOROLOGICAL OFFICE,

Issued by Authority of the

METEOROLOGICAL COMMITTEE,

SEPTEMBER, 1874.

Dangerfield, lith. 22 Bedford St. Covent Garden

OFFICE
OF THE
Chief Signal Officer.
—oo—
No 2929
Shelf
Case

VALENCIA OBSERVATORY LAT 51°55' N LONG 10°18' W.

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.145 | 29.175 | 29.225 | 29.247 | 29.279 | 29.295 | 29.329 | 29.347 | 29.370 | 29.382 | 29.403 | 29.409 | 29.411 |
| 2 | .425 | .433 | .433 | .429 | .441 | .469 | .509 | .535 | .564 | .581 | .592 | .598 | .614 |
| 3 | .690 | .680 | .680 | .680 | .689 | .680 | .688 | .700 | .714 | .728 | .744 | .752 | .772 |
| 4 | 29.918 | 29.920 | 29.918 | 29.910 | 29.925 | 29.925 | 29.923 | 29.926 | 29.936 | 29.946 | 29.957 | 29.970 | 29.972 |
| 5 | 30.099 | 30.101 | 30.085 | 30.082 | 30.065 | 30.061 | 30.061 | 30.069 | 30.069 | 30.057 | 30.055 | 30.045 | 30.031 |
| 6 | 29.858 | 29.849 | 29.841 | 29.838 | 29.851 | 29.861 | 29.880 | 29.891 | 29.909 | 29.918 | 29.925 | 29.925 | 29.932 |
| 7 | .958 | .946 | .942 | .932 | .932 | .934 | .940 | .940 | .946 | .940 | .943 | .925 | .921 |
| 8 | .964 | .943 | .931 | .913 | .891 | .814 | .857 | .643 | .821 | .797 | .775 | .744 | .716 |
| 9 | .512 | .512 | .492 | .482 | .454 | .444 | .434 | .424 | .422 | .411 | .407 | .403 | .389 |
| 10 | .068 | .489 | .493 | .501 | .523 | .541 | .555 | .569 | .593 | .595 | .615 | .616 | .603 |
| 11 | .611 | .573 | .559 | .499 | .495 | .503 | .503 | .505 | .493 | .487 | .509 | .511 | .515 |
| 12 | 29.639 | 29.655 | 29.659 | 29.656 | 29.683 | 29.685 | 29.696 | 29.728 | 29.766 | 29.789 | 29.829 | 29.857 | 29.893 |
| 13 | 30.069 | 30.180 | 30.183 | 30.183 | 30.207 | 30.221 | 30.242 | 30.255 | 30.269 | 30.275 | 30.277 | 30.279 | 30.285 |
| 14 | 30.241 | 30.229 | 30.199 | 30.185 | 30.179 | 30.177 | 30.177 | 30.170 | 30.177 | 30.199 | 30.164 | 30.138 | 30.138 |
| 15 | 29.971 | 29.952 | 29.924 | 29.908 | 29.894 | 29.886 | 29.870 | 29.900 | 29.911 | 29.934 | 29.950 | 29.976 | 29.985 |
| 16 | 30.060 | 30.061 | 30.056 | 30.054 | 30.056 | 30.061 | 30.052 | 30.062 | 30.062 | 30.065 | 30.065 | 30.064 | 30.064 |
| 17 | 30.077 | 30.070 | 30.064 | 30.057 | 30.052 | 30.063 | 30.065 | .062 | .052 | .050 | .039 | .018 | 29.999 |
| 18 | 29.900 | 29.952 | 29.956 | 29.958 | 29.966 | 29.975 | 29.984 | .002 | 30.012 | 30.024 | 30.025 | 30.022 | 30.001 |
| 19 | .439 | .913 | .886 | .861 | .839 | .831 | .823 | 29.813 | 29.803 | 29.793 | 29.790 | 29.777 | 29.766 |
| 20 | .562 | .585 | .577 | .573 | .561 | .551 | .570 | .566 | .565 | .555 | .559 | .560 | .557 |
| 21 | .493 | .477 | .455 | .433 | .423 | .393 | .381 | .361 | .345 | .321 | .293 | .269 | .225 |
| 22 | .031 | .049 | .099 | .141 | .169 | .203 | .243 | .277 | .305 | .334 | .350 | .388 | .411 |
| 23 | 29.700 | 29.762 | 29.770 | 29.777 | 29.784 | 29.806 | 29.827 | 29.850 | 29.866 | 29.878 | 29.885 | 29.900 | 29.900 |
| 24 | 30.025 | 30.029 | 30.034 | 30.044 | 30.050 | 30.055 | 30.067 | 30.077 | 30.092 | 30.104 | 30.100 | 30.103 | 30.100 |
| 25 | .911 | .111 | .097 | .093 | .103 | .105 | .121 | .133 | .143 | .151 | .156 | .156 | .146 |
| 26 | .473 | .172 | 30.165 | 30.157 | 30.152 | 30.146 | 30.145 | 30.150 | 30.141 | 30.134 | 30.131 | 30.113 | 30.100 |
| 27 | 30.003 | 30.003 | 29.983 | 29.974 | 29.937 | 29.937 | 29.943 | 29.941 | 29.941 | 29.986 | 29.927 | 29.923 | 29.900 |
| 28 | 29.677 | 29.629 | .588 | .558 | .521 | .491 | .457 | .429 | .411 | .389 | .384 | .393 | .398 |
| 29 | .405 | .386 | .369 | .353 | .338 | .300 | .313 | .298 | .292 | .310 | .332 | .349 | .361 |
| 30 | 29.522 | 29.524 | 29.532 | 29.528 | 29.539 | 29.545 | 29.565 | 29.577 | 29.593 | 29.605 | 29.610 | 29.617 | 29.622 |
| 31 | | | | | | | | | | | | | |

# DRY BULB THERMOMETER 12 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 56.6 | 56.3 | 54.3 | 53.0 | 52.1 | 54.0 | 54.0 | 55.0 | 57.3 | 58.0 | 57.0 | 59.1 | 56.4 | 57.9 | 58.3 | 59.3 | 60.2 | 59.5 | 56.0 | 58.0 | 56.1 | 56.4 | 57.0 | 57.3 |
| 2 | 57.9 | 56.6 | 57.2 | 58.6 | 57.2 | 57.0 | 57.1 | 54.3 | 57.1 | 59.3 | 60.1 | 61.0 | 61.0 | 60.0 | 61.5 | 61.4 | 60.0 | 59.0 | 57.0 | 57.4 | 57.3 | 55.2 | 55.0 | |
| 3 | 58.9 | 57.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.2 | 56.3 | 58.7 | 58.4 | 59.9 | 59.0 | 59.3 | 60.0 | 59.6 | 58.0 | 58.1 | 54.1 | 55.1 | 54.3 | 54.2 | 55.0 | 55.0 | 53.8 |
| 4 | 55.8 | 55.1 | 55.0 | 58.3 | 53.0 | 54.7 | 52.2 | 54.0 | 52.9 | 54.9 | 58.0 | 57.8 | 59.0 | 58.0 | 58.5 | 54.0 | 54.0 | 51.0 | 55.8 | 54.4 | 54.4 | 55.1 | 54.0 | |
| 5 | 53.8 | 54.3 | 54.0 | 53.0 | 54.2 | 52.6 | 54.3 | 55.5 | 55.8 | 56.2 | 57.4 | 57.4 | 54.8 | 57.0 | 58.0 | 54.1 | 56.1 | 54.3 | 56.2 | 54.0 | 54.0 | 58.2 | 57.0 | 57.9 |
| 6 | 56.0 | 56.1 | 55.9 | 55.2 | 56.1 | 54.8 | 56.5 | 54.1 | 54.6 | 57.3 | 59.2 | 60.8 | 60.0 | 60.0 | 59.1 | 59.3 | 58.4 | 58.5 | 57.7 | 57.0 | 56.5 | 55.0 | 55.0 | 56.5 |
| 7 | 55.8 | 56.2 | 55.7 | 55.9 | 56.0 | 55.1 | 56.3 | 54.1 | 59.1 | 59.1 | 59.2 | 60.0 | 58.6 | 59.1 | 58.1 | 55.7 | 54.4 | 56.9 | 59.5 | 55.1 | 55.3 | 55.7 | 55.8 | 55.0 |
| 8 | 55.8 | 56.0 | 56.3 | 56.1 | 56.1 | 56.0 | 56.9 | 56.2 | 57.7 | 58.9 | 59.0 | 59.9 | 59.2 | 58.9 | 58.9 | 58.0 | 58.1 | 55.0 | 55.1 | 53.5 | 53.5 | 52.1 | 52.1 | |
| 9 | 51.0 | 51.5 | 54.4 | 50.7 | 50.2 | 54.0 | 54.2 | 49.2 | 53.2 | 52.1 | 54.4 | 51.7 | 56.0 | 53.4 | 53.1 | 53.0 | 55.1 | 52.8 | 53.6 | 53.3 | 54.3 | 54.0 | 51.2 | 54.1 |
| 10 | 53.2 | 53.1 | 52.2 | 53.0 | 53.0 | 52.0 | 53.0 | 53.9 | 55.0 | 54.8 | 54.0 | 54.5 | 53.7 | 55.5 | 56.2 | 56.3 | 56.2 | 54.1 | 53.4 | 54.9 | 54.3 | 54.3 | 55.0 | 54.2 |
| 11 | 54.3 | 53.6 | 54.2 | 54.2 | 54.7 | 53.0 | 54.0 | 53.2 | 54.8 | 54.8 | 53.3 | 53.5 | 53.2 | 52.2 | 56.1 | 55.9 | 55.5 | 56.3 | 56.9 | 54.9 | 56.9 | 56.2 | 56.1 | 56.8 |
| 12 | 51.6 | 53.2 | 51.0 | 53.9 | 54.4 | 53.9 | 54.2 | 54.0 | 54.4 | 53.3 | 51.1 | 52.3 | 56.1 | 56.0 | 56.1 | 56.2 | 56.2 | 56.0 | 54.0 | 54.1 | 52.4 | 51.4 | 51.2 | 49.8 |
| 13 | 47.4 | 47.2 | 47.1 | 47.2 | 48.8 | 47.1 | 47.5 | 49.3 | 52.1 | 56.0 | 57.1 | 58.2 | 58.8 | 59.4 | 60.0 | 60.5 | 60.2 | 59.1 | 58.2 | 53.9 | 53.4 | 53.0 | 52.4 | 50.3 |
| 14 | 54.4 | 55.4 | 56.7 | 57.2 | 56.1 | 56.5 | 57.0 | 57.7 | 58.4 | 59.6 | 60.0 | 60.2 | 60.7 | 61.5 | 61.8 | 62.3 | 62.9 | 62.2 | 59.8 | 59.7 | 59.0 | 58.9 | 59.3 | 59.9 |
| 15 | 60.0 | 60.5 | 60.4 | 60.0 | 60.3 | 60.4 | 59.3 | 59.7 | 60.3 | 60.0 | 58.0 | 60.0 | 61.4 | 60.9 | 61.4 | 61.4 | 61.0 | 59.4 | 60.2 | 59.8 | 59.0 | 58.6 | 55.1 | 54.3 |
| 16 | 53.0 | 53.2 | 53.5 | 53.6 | 52.6 | 51.6 | 51.8 | 54.0 | 53.7 | 54.7 | 56.6 | 56.0 | 55.3 | 55.6 | 55.2 | 56.4 | 56.5 | 54.2 | 53.7 | 52.3 | 52.4 | 52.0 | 52.2 | 52.4 |
| 17 | 52.7 | 52.4 | 52.2 | 51.7 | 51.0 | 50.7 | 51.3 | 53.7 | 54.8 | 54.9 | 53.7 | 53.2 | 51.6 | 51.3 | 51.0 | 54.4 | 56.5 | 55.3 | 54.6 | 56.1 | 55.7 | 55.0 | 54.0 | 53.3 |
| 18 | 53.7 | 53.9 | 53.8 | 53.5 | 53.8 | 53.7 | 53.9 | 53.3 | 53.0 | 52.8 | 53.8 | 53.3 | 53.3 | 53.8 | 54.0 | 54.0 | 54.2 | 53.7 | 53.6 | 56.7 | 56.2 | 56.2 | 55.8 | 55.2 |
| 19 | 56.1 | 56.0 | 56.7 | 56.8 | 57.1 | 56.0 | 56.3 | 56.7 | 56.8 | 58.4 | 58.6 | 59.4 | 60.0 | 60.3 | 62.2 | 61.6 | 60.0 | 58.5 | 57.4 | 57.8 | 58.4 | 58.5 | 58.3 | |
| 20 | 55.6 | 57.0 | 56.7 | 55.4 | 55.4 | 55.0 | 54.9 | 55.1 | 55.6 | 55.4 | 56.7 | 56.8 | 55.3 | 55.3 | 55.6 | 56.4 | 56.8 | 54.4 | 54.4 | 54.6 | 54.7 | 54.1 | 54.2 | 54.1 |
| 21 | 55.3 | 55.0 | 56.7 | 55.0 | 55.0 | 56.0 | 55.2 | 57.8 | 56.1 | 55.0 | 56.7 | 57.7 | 56.9 | 55.6 | 54.4 | 54.3 | 57.0 | 56.1 | 55.3 | 56.7 | 53.8 | 51.8 | 54.8 | 56.1 |
| 22 | 51.2 | 52.1 | 52.8 | 53.0 | 53.8 | 53.3 | 53.5 | 54.3 | 53.7 | 53.8 | 54.5 | 54.8 | 55.4 | 55.0 | 56.2 | 54.0 | 55.9 | 53.7 | 55.4 | 55.0 | 56.4 | 55.3 | 55.4 | 55.0 |
| 23 | 55.0 | 54.4 | 54.4 | 54.4 | 53.4 | 52.8 | 54.2 | 55.0 | 56.1 | 55.9 | 54.9 | 54.1 | 54.9 | 56.5 | 56.0 | 56.6 | 58.6 | 58.1 | 56.4 | 55.3 | 50.0 | 48.7 | 48.7 | 49.6 |
| 24 | 47.0 | 46.6 | 46.7 | 46.7 | 46.0 | 48.2 | 48.4 | 48.9 | 52.2 | 53.9 | 56.2 | 56.5 | 61.0 | 61.1 | 62.3 | 62.1 | 59.7 | 59.4 | 58.1 | 58.0 | 58.5 | 58.5 | 58.3 | 57.6 |
| 25 | 56.0 | 57.3 | 57.4 | 58.0 | 57.3 | 57.1 | 57.9 | 58.9 | 59.7 | 59.8 | 61.0 | 62.3 | 63.3 | 64.4 | 59.7 | 59.3 | 57.3 | 57.6 | 57.6 | 57.1 | 57.5 | 57.0 | | |
| 26 | 58.0 | 58.9 | 59.7 | 56.6 | 56.7 | 56.8 | 56.7 | 57.2 | 57.1 | 61.3 | 63.3 | 63.6 | 64.2 | 61.9 | 59.2 | 58.6 | 57.4 | 58.7 | 56.6 | 56.3 | 58.8 | 58.1 | 59.1 | |
| 27 | 55.7 | 55.5 | 54.6 | 54.4 | 54.9 | 58.0 | 53.4 | 52.4 | 55.0 | 57.6 | 59.0 | 60.9 | 60.2 | 59.4 | 63.0 | 58.2 | 56.6 | 54.7 | 55.3 | 53.3 | 53.0 | 54.8 | 55.0 | 55.3 |
| 28 | 55.3 | 54.0 | 58.0 | 58.0 | 58.6 | 58.5 | 56.2 | 56.7 | 56.9 | 57.0 | 57.7 | 58.7 | 59.1 | 58.1 | 58.3 | 58.2 | 54.7 | 54.2 | 51.0 | 51.8 | 50.0 | 50.9 | 50.7 | 48.7 |
| 29 | 48.1 | 48.0 | 47.7 | 50.0 | 47.4 | 49.7 | 47.3 | 47.8 | 49.0 | 49.5 | 49.8 | 51.6 | 51.0 | 51.3 | 52.6 | 51.4 | 52.0 | 51.0 | 49.5 | 49.4 | 48.4 | 49.7 | 50.3 | 49.0 |
| 30 | 50.1 | 50.2 | 50.8 | 50.3 | 50.0 | 50.6 | 49.5 | 51.4 | 50.9 | 51.5 | 53.8 | 55.1 | 55.9 | 56.1 | 56.1 | 56.2 | 54.3 | 52.9 | 48.9 | 50.4 | 48.1 | 46.8 | 46.0 | 46.5 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action.

# HOURLY VALUES *September* 1874

CISTERN 2.5 FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.431 | 29.429 | 29.429 | 29.433 | 29.436 | 29.433 | 29.429 | 29.425 | 29.427 | 29.429 | 29.421 | 1 |
| .624 | .630 | .643 | .654 | .664 | .668 | .688 | .692 | .696 | .700 | .696 | 2 |
| .784 | .787 | 29.798 | 29.818 | 29.826 | 29.845 | 29.872 | .886 | 29.902 | 29.916 | 29.924 | 3 |
| .979 | 29.995 | 30.005 | 30.029 | 30.035 | 30.061 | 30.082 | 30.089 | 30.101 | 30.103 | 30.097 | 4 |
| .019 | 30.005 | 29.969 | 29.958 | 29.935 | 29.908 | 29.888 | 29.861 | 29.851 | 29.857 | 29.858 | 5 |
| .932 | 29.930 | .935 | .943 | .936 | .954 | .960 | 29.974 | .973 | .970 | .966 | 6 |
| .917 | .928 | .929 | .939 | .943 | .949 | .961 | | .971 | .968 | .966 | 7 |
| .690 | .660 | .614 | .588 | .562 | .568 | .563 | 29.570 | .570 | .554 | .540 | 8 |
| .385 | .381 | .383 | .383 | .385 | .347 | .418 | .423 | .428 | .471 | .457 | 9 |
| .652 | .659 | .665 | .679 | .689 | .697 | .699 | .692 | .675 | .663 | .625 | 10 |
| .009 | .749 | .507 | 29.523 | 29.539 | .549 | 29.567 | 29.575 | 29.594 | 29.600 | 29.627 | 11 |
| .921 | 29.961 | 29.973 | 30.010 | 30.025 | 30.055 | 30.079 | 30.117 | 30.132 | 30.154 | 30.143 | 12 |
| .280 | 30.279 | 30.279 | .275 | .273 | .275 | .279 | .285 | .274 | .269 | 30.240 | 13 |
| .127 | .114 | .101 | .085 | .074 | .062 | .046 | .027 | .020 | .000 | 29.998 | 14 |
| .002 | .012 | .012 | .018 | .030 | .036 | .045 | .059 | .065 | .068 | 30.061 | 15 |
| .066 | 30.059 | 30.053 | 30.059 | 30.062 | 30.068 | 30.078 | 30.074 | 30.082 | 30.074 | 30.071 | 16 |
| .978 | 29.961 | 29.954 | 29.942 | 29.937 | 29.932 | 29.934 | 29.940 | 29.947 | 29.952 | 29.957 | 17 |
| .009 | 30.009 | 30.005 | 30.001 | 30.004 | 30.006 | 30.006 | .989 | .975 | .959 | .956 | 18 |
| .747 | 29.729 | 29.711 | 29.699 | 29.682 | 29.672 | 29.664 | .648 | .622 | .605 | 5.93 | 19 |
| .574 | .576 | .569 | .576 | .575 | .575 | .576 | .573 | .552 | .534 | .524 | 20 |
| .242 | .225 | .207 | .205 | .177 | .155 | .120 | .097 | .039 | .007 | .014 | 21 |
| .410 | .470 | .492 | .515 | .552 | .590 | .635 | 29.668 | 29.703 | 29.724 | 29.746 | 22 |
| .008 | 29.912 | 29.916 | 29.937 | 29.950 | 29.958 | 29.977 | 30.009 | 30.014 | 30.028 | 30.031 | 23 |
| .094 | 30.093 | 30.094 | 30.103 | 30.101 | 30.109 | 30.118 | .123 | .121 | .123 | .120 | 24 |
| .148 | .141 | .138 | .142 | .171 | .172 | .172 | .166 | .182 | .184 | .181 | 25 |
| .081 | 30.077 | 30.071 | 30.061 | 30.065 | 30.053 | 30.048 | 30.038 | 30.032 | 30.029 | 30.009 | 26 |
| .885 | 29.873 | 29.857 | 29.845 | 29.837 | 29.821 | 29.800 | 29.759 | 29.751 | 29.733 | 29.709 | 27 |
| .405 | .413 | .409 | .416 | .421 | .422 | .423 | .417 | .415 | .403 | .402 | 28 |
| .378 | .386 | .402 | .417 | .433 | .447 | .478 | .504 | .504 | .501 | .512 | 29 |
| .610 | 29.614 | 29.615 | 29.623 | 29.629 | 29.632 | 29.642 | 29.634 | 29.632 | 29.629 | 29.608 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER 12 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54.5 | 50.9 | 50.3 | 50.1 | 50.3 | 49.1 | 50.0 | 52.3 | 53.6 | 52.9 | 54.4 | 53.1 | 53.0 | 55.0 | 53.9 | 55.1 | 54.8 | 53.6 | 53.0 | 53.3 | 52.2 | 52.1 | 53.2 | 1 |
| 53.9 | 54.0 | 53.0 | 52.7 | 52.0 | 52.8 | 53.3 | 52.4 | 54.5 | 55.0 | 55.6 | 56.1 | 56.8 | 56.2 | 56.0 | 55.0 | 54.3 | 54.2 | 53.3 | 53.9 | 53.6 | 51.1 | 51.3 | 2 |
| 52.3 | 52.1 | 51.9 | 51.8 | 52.6 | 52.2 | 52.0 | 54.2 | 54.4 | 54.7 | 54.0 | 54.9 | 54.7 | 53.6 | 52.1 | 52.0 | 52.0 | 50.0 | 53.9 | 50.9 | 51.1 | 51.2 | 50.0 | 3 |
| 49.1 | 50.3 | 51.0 | 50.2 | 49.0 | 49.2 | 51.0 | 51.0 | 52.7 | 52.0 | 53.0 | 51.9 | 52.1 | 52.1 | 51.2 | 51.4 | 51.6 | 50.6 | 51.1 | 50.0 | 50.1 | 50.0 | 49.8 | 4 |
| 50.0 | 49.7 | 50.0 | 49.0 | 49.6 | 50.1 | 50.2 | 52.5 | 51.4 | 51.2 | 5.4 | 52.8 | 54.3 | 54.2 | 55.1 | 54.2 | 54.1 | 54.9 | 55.0 | 54.0 | 54.5 | 56.0 | 55.3 | 5 |
| 54.2 | 54.0 | 53.4 | 50.9 | 52.5 | 53.7 | 54.1 | 55.0 | 55.8 | 56.0 | 57.0 | 56.0 | 56.2 | 55.3 | 56.4 | 55.0 | 56.0 | 54.7 | 54.2 | 54.0 | 53.7 | 53.2 | 52.9 | 6 |
| 53.6 | 53.3 | 53.0 | 50.3 | 52.8 | 54.1 | 55.2 | 56.2 | 57.0 | 57.2 | 57.8 | 57.0 | 57.0 | 55.8 | 53.5 | 53.8 | 52.0 | 52.4 | 51.4 | 51.8 | 51.0 | 50.9 | 51.0 | 7 |
| 52.0 | 52.2 | 52.7 | 53.0 | 53.0 | 50.1 | 53.3 | 54.0 | 54.8 | 55.8 | 56.8 | 57.0 | 56.0 | 56.0 | 56.4 | 56.5 | 55.0 | 54.5 | 53.0 | 49.7 | 48.8 | 47.8 | 47.6 | 8 |
| 46.3 | 47.0 | 46.0 | 47.0 | 48.1 | 48.0 | 46.0 | 48.4 | 48.0 | 49.6 | 48.8 | 50.1 | 49.2 | 48.2 | 50.0 | 49.0 | 48.4 | 49.0 | 48.7 | 49.7 | 49.1 | 48.2 | | 9 |
| 48.3 | 48.0 | 48.0 | 47.9 | 48.0 | 49.3 | 48.1 | 50.1 | 50.9 | 49.0 | 50.0 | 54.1 | 51.6 | 52.0 | 53.3 | 50.6 | 50.4 | 50.3 | 50.1 | 51.2 | 50.9 | 51.0 | 5.5 | 10 |
| 51.9 | 53.0 | 53.3 | 52.9 | 54.0 | 55.9 | 56.0 | 57.3 | 57.7 | 58.1 | 57.6 | 56.3 | 55.8 | 54.8 | 54.6 | 53.8 | 54.3 | 54.7 | 55.3 | 55.3 | 54.6 | 54.3 | 54.7 | 11 |
| 54.1 | 54.3 | 54.5 | 53.0 | 52.3 | 52.9 | 52.4 | 52.7 | 53.2 | 53.0 | 54.0 | 54.0 | 55.0 | 54.5 | 54.6 | 55.0 | 53.0 | 52.2 | 50.8 | 49.4 | 48.8 | 48.3 | 47.6 | 12 |
| 45.3 | 45.4 | 45.2 | 45.0 | 46.0 | 46.1 | 48.0 | 49.9 | 52.2 | 51.3 | 52.2 | 52.2 | 52.4 | 52.9 | 53.0 | 52.0 | 53.3 | 52.0 | 50.2 | 50.5 | 50.4 | 51.0 | 51.8 | 13 |
| 53.0 | 53.6 | 53.9 | 54.2 | 54.3 | 4.4 | 54.8 | 55.2 | 56.4 | 56.6 | 56.5 | 57.0 | 57.1 | 57.6 | 57.6 | 57.3 | 57.2 | 57.3 | 57.2 | 57.3 | 57.4 | 57.7 | 58.0 | 14 |
| 57.8 | 58.0 | 58.0 | 58.0 | 57.9 | 57.9 | 58.3 | 58.7 | 58.3 | 58.0 | 58.0 | 56.3 | 57.3 | 57.0 | 57.1 | 57.7 | 58.0 | 54.3 | 54.1 | 52.0 | 53.4 | 54.0 | 53.8 | 15 |
| 51.3 | 51.3 | 51.0 | 50.4 | 49.8 | 49.4 | 50.7 | 50.- | 50.7 | 50.9 | 50.9 | 49.5 | 49.7 | 50.0 | 50.8 | 49.4 | 49.0 | 48.9 | 48.0 | 48.3 | 48.7 | 49.0 | 48.4 | 16 |
| 47.2 | 47.0 | 46.9 | 46.5 | 45.7 | 46.6 | 48.9 | 49.1 | 50.2 | 52.8 | 53.1 | 53.3 | 53.0 | 52.4 | 53.5 | 52.8 | 52.5 | 53.2 | 54.0 | 54.3 | 53.7 | 51.8 | 52.0 | 17 |
| 49.7 | 50.2 | 50.4 | 51.6 | 51.8 | 50.7 | 51.6 | 51.3 | 52.2 | 52.8 | 54.3 | 55.4 | 56.1 | 56.7 | 55.8 | 54.8 | 53.3 | 53.0 | 52.7 | 53.8 | 53.5 | 53.8 | 53.2 | 18 |
| 53.6 | 54.0 | 54.0 | 54.0 | 54.6 | 54.8 | 56.2 | 55.4 | 55.7 | 56.0 | 56.1 | 56.4 | 56.6 | 56.0 | 57.0 | 56.4 | 55.6 | 55.8 | 56.0 | 56.3 | 57.0 | 57.0 | 57.0 | 19 |
| 55.8 | 55.6 | 54.2 | 54.6 | 54.0 | 53.7 | 54.0 | 54.7 | 54.5 | 54.5 | 54.4 | 54.0 | 53.7 | 54.3 | 54.8 | 53.2 | 52.8 | 52.8 | 53.0 | 52.8 | 52.8 | 50.0 | 52.8 | 20 |
| 53.4 | 53.8 | 54.0 | 53.8 | 53.7 | 54.0 | 53.9 | 54.2 | 54.6 | 54.9 | 54.9 | 53.4 | 53.2 | 53.3 | 53.0 | 52.6 | 51.1 | 49.6 | 49.2 | 48.2 | 48.1 | 48.8 | 48.0 | 21 |
| 50.0 | 50.2 | 50.0 | 50.8 | 51.3 | 50.5 | 50.6 | 52.0 | 53.0 | 52.9 | 53.1 | 52.1 | 50.2 | 51.4 | 53.6 | 52.0 | 54.4 | 52.7 | 53.2 | 52.5 | 55.6 | 53.2 | | 22 |
| 52.6 | 52.7 | 52.8 | 52.1 | 51.2 | 52.5 | 53.3 | 52.8 | 53.3 | 55.9 | 54.8 | 56.0 | 55.8 | 55.6 | 53.5 | 55.0 | 52.6 | 1.7.0 | 48.4 | 47.9 | 47.0 | 46.8 | 46.0 | 23 |
| 45.4 | 44.7 | 44.0 | 44.0 | 43.8 | 44.0 | 47.4 | 47.0 | 52.6 | 54.0 | 55.3 | 57.1 | 5.3 | 58.3 | 58.1 | 56.4 | 56.3 | 55.7 | 55.9 | 56.3 | 56.1 | 56.0 | 55.7 | 24 |
| 56.1 | 56.0 | 56.0 | 55.9 | 58.8 | 56.6 | 57.7 | 55.4 | 58.7 | 59.3 | 59.6 | 60.2 | 60.7 | 60.0 | 58.0 | 58.0 | 57.9 | 56.7 | 55.3 | 56.4 | 56.0 | 56.0 | 56.1 | 25 |
| 55.9 | 55.6 | 55.5 | 55.7 | 55.8 | 55.8 | 56.0 | 57.0 | 57.2 | 57.1 | 56.6 | 56.6 | 56.0 | 56.1 | 55.9 | 56.2 | 56.0 | 56.0 | 55.0 | 54.7 | 54.6 | 54.4 | 54.3 | 26 |
| 53.8 | 53.7 | 53.4 | 53.6 | 53.8 | 53.2 | 52.5 | 51.3 | 54.0 | 50.0 | 50.0 | 50.8 | 50.6 | 55.2 | 56.0 | 54.8 | 55.3 | 52.5 | 53.0 | 53.0 | 52.7 | 52.6 | 52.8 | 27 |
| 52.9 | 53.0 | 53.2 | 53.7 | 52.0 | 54.7 | 55.0 | 55.5 | 55.7 | 56.1 | 55.1 | 54.5 | 52.8 | 52.0 | 5.4 | 50.4 | 50.7 | 47.7 | 48.4 | 48.0 | 48.4 | 47.5 | 46.4 | 28 |
| 46.3 | 47.0 | 46.9 | 46.0 | 46.1 | 44.0 | 44.0 | 48.6 | 47.7 | 44.8 | 46.0 | 45.1 | 41.0 | 47.4 | 46.6 | 47.7 | 45.3 | 44.0 | 43.3 | 44.7 | 45.0 | 45.0 | 44.3 | 29 |
| 45.8 | 45.0 | 44.7 | 45.0 | 44.9 | 44.6 | 45.8 | 4.8 | 47.1 | 45.0 | 44.2 | 49.0 | 48.9 | 49.6 | 49.7 | 48.0 | 47.9 | 45.8 | 43.7 | 45.0 | 45.0 | 43.9 | 43.3 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

*Meteorological Office,*
*116 Victoria Street Westminster. S W.*

**ROBERT H. SCOTT, Director.**

# VALENCIA OBSERVATORY LAT. 51°55' N LONG. 10°18' W.

## WIND

DIRECTION IN NUMBERS { 8 – E , 24 – W / 16 – S , 32 – N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 17 | 45 | 23 | 36 | 24 | 26 | 25 | 27 | 23 | 22 | 23 | 27 | 24 | 24 | 22 | 28 | 20 | 30 | 19 | 30 | 18 | 36 | 18 | 36 | 20 | 36 |
| 2 | 20 | 34 | 20 | 34 | 19 | 38 | 18 | 35 | 20 | 38 | 20 | 32 | 22 | 27 | 21 | 26 | 20 | 32 | 20 | 32 | 20 | 34 | 20 | 36 | 20 | 38 |
| 3 | 21 | 29 | 21 | 28 | 28 | 25 | 20 | 25 | 21 | 26 | 21 | 20 | 21 | 19 | 23 | 13 | 26 | 13 | 28 | 12 | 29 | 15 | 29 | 17 | 29 | 15 |
| 4 | 27 | 19 | 27 | 24 | 26 | 20 | 26 | 24 | 27 | 21 | 26 | 21 | 25 | 20 | 26 | 22 | 26 | 21 | 26 | 20 | 29 | 17 | 28 | 19 | 28 | 18 |
| 5 | 29 | 8·5 | 29 | 9·5 | 29 | 5·5 | 29 | 4·5 | 29 | 6·5 | 28 | 6·5 | 28 | 6·5 | 26 | 6·5 | 24 | 10·5 | 22 | 11 | 24 | 16 | 23 | 15 | 22 | 11 |
| 6 | 25 | 11 | 26 | 10 | 26 | 12 | 27 | 12 | 27 | 12 | 29 | 8·5 | 27 | 10·5 | 26 | 11 | 26 | 14 | 28 | 9·5 | 24 | 15 | 24 | 17 | 26 | 17 |
| 7 | 24 | 4·5 | 21 | 9·5 | 21 | 5·5 | 21 | 8·5 | 24 | 5·5 | 24 | 5·5 | 24 | 11 | 24 | 7·5 | 21 | 11 | 19 | 11 | 18 | 14 | 18 | 20 | 19 | 22 |
| 8 | 24 | 9·5 | 20 | 12 | 20 | 17 | 20 | 16 | 18 | 20 | 19 | 25 | 18 | 24 | 18 | 25 | 19 | 30 | 18 | 29 | 18 | 34 | 18 | 38 | 18 | 41 |
| 9 | 24 | 13 | 24 | 13 | 22 | 20 | 24 | 15 | 24 | 18 | 23 | 19 | 24 | 22 | 24 | 27 | 23 | 24 | 23 | 22 | 26 | 28 | 23 | 24 | 23 | 31 |
| 10 | 24 | 28 | 24 | 26 | 25 | 29 | 25 | 26 | 24 | 30 | 24 | 26 | 24 | 33 | 24 | 29 | 24 | 32 | 24 | 30 | 25 | 32 | 24 | 33 | 25 | 37 |
| 11 | 18 | 11 | 16 | 12 | 14 | 17 | 13 | 19 | 14 | 15 | 14 | 12 | 16 | 15 | 16 | 18 | 19 | 22 | 18 | 26 | 22 | 27 | 25 | 20 | 24 | 17 |
| 12 | 25 | 16 | 26 | 12 | 26 | 10·5 | 27 | 6·5 | 31 | 5·5 | 31 | 5·5 | 6 | 4·5 | 6 | 7·5 | 3 | 11 | 5 | 12 | 1 | 17 | 4 | 18 | 1 | 15 |
| 13 | 4 | 3 | 5 | 3 | 5 | 3 | 5 | 2 | 5 | 1·5 | 5 | 1·5 | 5 | 1·5 | 5 | 2 | 5 | 2 | 5 | 4·5 | 3 | 5·5 | 31 | 6·5 | 25 | 6 |
| 14 | 15 | 20 | 15 | 19 | 16 | 24 | 15 | 30 | 18 | 29 | 16 | 28 | 16 | 27 | 16 | 32 | 16 | 29 | 16 | 28 | 16 | 32 | 16 | 30 | 15 | 38 |
| 15 | 18 | 42 | 18 | 48 | 18 | 43 | 18 | 49 | 17 | 45 | 18 | 48 | 18 | 39 | 20 | 40 | 21 | 30 | 24 | 15 | 29 | 10·5 | 28 | 13 | 28 | 15 |
| 16 | 32 | 16 | 3 | 9·5 | 1 | 11 | 1 | 10 | 2 | 9·5 | 2 | 7·5 | 2 | 5·5 | 3 | 5·5 | 3 | 6·5 | 2 | 5·5 | 32 | 13 | 32 | 16 | 32 | 13 |
| 17 | 32 | 14 | 31 | 10·5 | 32 | 10·5 | 31 | 10·5 | 31 | 7·5 | 30 | 8·5 | 29 | 6·5 | 28 | 9·5 | 26 | 12 | 25 | 16·5 | 23 | 13 | 23 | 17 | 24 | 20 |
| 18 | 28 | 14 | 28 | 18 | 28 | 17 | 28 | 13 | 28 | 12 | 28 | 14 | 28 | 13 | 28 | 12 | 26 | 13 | 29 | 7·5 | 28 | 7·5 | 27 | 6·5 | 24 | 9 |
| 19 | 19 | 25 | 19 | 26 | 19 | 33 | 18 | 33 | 19 | 38 | 19 | 39 | 19 | 38 | 19 | 36 | 18 | 40 | 19 | 39 | 19 | 40 | 18 | 45 | 18 | 45 |
| 20 | 18 | 48 | 21 | 21 | 26 | 6·5 | 30 | 5·5 | 30 | 4 | 3 | 5·5 | 3 | 4·5 | 1 | 5·5 | 1 | 12 | 1 | 17 | 1 | 18 | 1 | 13 | 1 | 16 |
| 21 | 6 | 13 | 6 | 9·5 | 5 | 8·5 | 8 | 10·5 | 6 | 9·5 | 9 | 21 | 9 | 25 | 10 | 29 | 8 | 21 | 6 | 18 | 8 | 30 | 8 | 35 | 12 | 32 |
| 22 | 32 | 25 | 30 | 24 | 29 | 21 | 27 | 17 | 27 | 15 | 25 | 15 | 25 | 17 | 23 | 23 | 23 | 20 | 22 | 25 | 22 | 32 | 22 | 35 | 21 | 38 |
| 23 | 21 | 9·5 | 20 | 5·5 | 20 | 3 | 16 | 6·5 | 16 | 2 | 16 | 4 | 17 | 4·5 | 17 | 6·5 | 18 | 10·5 | 19 | 4 | 15 | 6·5 | 18 | 10·5 | 16 | 14 |
| 24 | 1 | 3 | 11 | 2 | 11 | 3 | 11 | 3 | 4 | 3 | 4 | 3 | 4 | 2 | 4 | 3 | 4 | 3 | 12 | 4 | 18 | 7·5 | 16 | 11 | 15 | 13 |
| 25 | 15 | 17 | 15 | 11 | 15 | 14 | 15 | 21 | 15 | 14 | 15 | 7·5 | 16 | 11 | 19 | 12 | 18 | 15 | 18 | 16 | 18 | 21 | 20 | 21 | 19 | 17 |
| 26 | 22 | 3 | 22 | 3 | 22 | 2 | 22 | 3 | 22 | 2 | 22 | 2 | 32 | 3 | 8 | 3 | 8 | 4 | 3 | 2 | 31 | 3 | 31 | 5·5 | 22 | 9 |
| 27 | 30 | 3 | 29 | 4 | 29 | 3 | 29 | 3 | 11 | 3 | 11 | 4 | 24 | 7·5 | 24 | 4 | 24 | 2 | 24 | 3 | 31 | 4 | 31 | 3 | 25 | 8 |
| 28 | 16 | 27 | 16 | 30 | 16 | 30 | 16 | 30 | 16 | 35 | 16 | 32 | 16 | 40 | 15 | 43 | 16 | 42 | 17 | 38 | 17 | 40 | 20 | 19 | 24 | 17 |
| 29 | 24 | 4 | 15 | 6·5 | 16 | 12 | 20 | 18 | 17 | 10·5 | 15 | 17 | 21 | 21 | 21 | 13 | 21 | 16 | 23 | 18 | 23 | 17 | 22 | 28 | 24 | 25 |
| 30 | 22 | 22 | 21 | 21 | 21 | 25 | 21 | 23 | 20 | 22 | 22 | 22 | 22 | 14 | 21 | 19 | 21 | 19 | 23 | 18 | 19 | 25 | 21 | 25 | 21 | 23 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 F.E.E.T. / HEIGHT ABOVE MEAN SEA LEVEL 11 F.E.E.T. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ·010 | ·007 | ·030 | – | ·007 | – | – | – | – | ·007 | – | – | ·031 | ·003 | ·017 | – | – | – | – | – | ·012 | – | – | – |
| 2 | – | ·063 | ·003 | – | – | – | – | ·018 | – | – | – | – | – | ·015 | – | – | – | – | – | – | – | ·020 | ·010 | – |
| 3 | – | ·035 | – | – | – | – | – | – | – | – | – | – | – | – | ·033 | – | – | – | ·015 | – | – | – | ·002 | ·003 |
| 4 | – | – | ·006 | ·013 | – | ·015 | ·018 | ·004 | ·033 | ·018 | – | ·003 | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | – | – | – | – | – | – | – | – | – | ·002 | – | – | ·002 | – | – | – | – | – | ·035 | ·080 | ·003 | ·003 | – | ·025 |
| 6 | – | ·012 | ·025 | ·002 | ·002 | ·002 | ·002 | ·002 | ·015 | – | ·023 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 7 | – | – | – | – | – | – | – | – | – | – | – | ·005 | ·054 | ·002 | – | ·008 | – | – | – | – | – | – | – | – |
| 8 | – | – | – | – | – | – | – | – | – | – | ·005 | ·002 | – | – | ·045 | ·005 | ·004 | ·013 | ·072 | ·002 | – | – | – | – |
| 9 | – | – | – | ·047 | – | – | – | ·045 | ·004 | – | – | ·001 | – | – | ·053 | ·045 | – | – | ·001 | – | – | – | – | – |
| 10 | – | ·040 | – | ·002 | – | – | ·003 | – | – | – | ·004 | ·010 | – | ·017 | ·005 | ·004 | – | ·047 | ·002 | – | – | ·002 | – | ·002 |
| 11 | ·013 | ·015 | ·004 | ·013 | ·005 | ·003 | – | ·002 | ·004 | ·005 | ·003 | ·003 | ·010 | ·050 | ·120 | ·077 | ·024 | – | – | ·020 | ·004 | – | – | – |
| 12 | ·004 | ·002 | ·002 | ·020 | ·002 | – | – | ·030 | ·020 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 13 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | – | – | – | – | – | – | – | – | – | – | – | – | ·020 | – | – | – | – | – | – | – | – | – | – | – |
| 15 | – | – | – | – | – | ·027 | ·040 | ·053 | ·149 | ·030 | – | – | – | – | – | – | – | – | – | – | – | – | – | ·023 |
| 16 | ·010 | ·017 | – | – | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | ·025 | ·017 | ·015 | ·010 | ·003 | – |
| 18 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 |
| 19 | – | – | – | – | – | ·020 | ·020 | ·010 | ·020 | – | – | – | – | – | – | – | – | – | ·038 | ·143 | ·012 | ·017 | ·043 | ·130 |
| 20 | ·150 | ·220 | ·075 | ·055 | ·035 | ·020 | ·058 | ·025 | ·050 | – | ·010 | ·015 | ·038 | ·003 | ·013 | ·004 | ·028 | ·070 | ·018 | ·015 | ·038 | ·075 | ·095 | ·010 |
| 21 | – | – | – | ·065 | ·030 | – | – | – | – | – | – | ·040 | ·020 | ·028 | – | – | – | – | – | – | – | ·018 | ·065 | ·048 |
| 22 | ·180 | ·015 | – | – | ·045 | – | – | ·068 | ·024 | ·030 | ·090 | ·072 | ·024 | ·030 | ·083 | ·040 | – | ·005 | – | – | – | – | – | – |
| 23 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 24 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 25 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 27 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 28 | – | – | – | ·010 | ·005 | ·003 | ·002 | ·005 | ·060 | ·115 | ·100 | ·005 | ·010 | – | – | – | – | – | – | – | – | ·025 | ·048 | ·061 |
| 29 | – | – | – | ·035 | ·020 | ·010 | ·128 | ·005 | ·004 | ·040 | ·025 | – | – | – | ·100 | – | – | – | – | – | ·028 | – | – | – |
| 30 | – | – | – | – | – | – | – | – | ·015 | – | – | – | – | – | – | – | – | – | – | ·010 | – | – | – | – |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 20 | 29 | 18 | 30 | 19 | 33 | 18 | 36 | 19 | 36 | 18 | 39 | 18 | 34 | 17 | 37 | 18 | 40 | 18 | 48 | 18 | 42 | 1 |
| 20 | 34 | 24 | 36 | 21 | 33 | 21 | 34 | 21 | 36 | 21 | 31 | 20 | 25 | 20 | 24 | 26 | 32 | 20 | 24 | 20 | 23 | 2 |
| 28 | 17 | 26 | 17 | 28 | 18 | 28 | 17 | 26 | 20 | 28 | 18 | 27 | 15 | 27 | 18 | 25 | 17 | 27 | 21 | 25 | 13 | 3 |
| 28 | 21 | 28 | 18 | 29 | 16 | 29 | 14 | 30 | 14 | 31 | 14 | 30 | 12 | 30 | 11 | 30 | 8·5 | 30 | 10·5 | 30 | 7·5 | 4 |
| 22 | 11 | 21 | 18 | 18 | 19 | 18 | 19 | 19 | 20 | 17 | 22 | 16 | 25 | 18 | 30 | 25 | 17 | 26 | 9·5 | 27 | 13 | 5 |
| 25 | 16 | 24 | 15 | 24 | 15 | 23 | 15 | 24 | 10·5 | 24 | 8·5 | 24 | 7·5 | 24 | 7·5 | 23 | 9·5 | 26 | 9·5 | 26 | 6·5 | 6 |
| 26 | 17 | 28 | 18 | 30 | 15 | 28 | 10·5 | 29 | 9·5 | 30 | 6·5 | 30 | 8·5 | 30 | 6·5 | 26 | 6·5 | 27 | 6·5 | 25 | 6·5 | 7 |
| 18 | 39 | 19 | 36 | 19 | 41 | 19 | 43 | 21 | 39 | 23 | 27 | 23 | 19 | 26 | 19 | 24 | 18 | 24 | 12 | 24 | 15 | 8 |
| 24 | 29 | 25 | 27 | 24 | 28 | 24 | 30 | 24 | 27 | 24 | 23 | 24 | 25 | 24 | 27 | 24 | 30 | 25 | 29 | 25 | 30 | 9 |
| 24 | 28 | 24 | 29 | 24 | 27 | 24 | 26 | 24 | 22 | 24 | 17 | 23 | 20 | 23 | 22 | 24 | 20 | 21 | 23 | 20 | 20 | 10 |
| 23 | 18 | 23 | 14 | 23 | 16 | 24 | 16 | 24 | 18 | 24 | 14 | 24 | 17 | 24 | 19 | 25 | 16 | 25 | 14 | 25 | 16 | 11 |
| 2 | 14 | 31 | 13 | 32 | 15 | 32 | 15 | 32 | 17 | 1 | 13 | 2 | 10·5 | 3 | 5·5 | 3 | 4·5 | 4 | 4 | 4 | 2 | 12 |
| 2 | 8·5 | 22 | 12 | 19 | 11 | 20 | 12 | 20 | 11 | 20 | 9·5 | 19 | 9·5 | 16 | 9·5 | 16 | 6·5 | 15 | 11 | 15 | 18 | 13 |
| 6 | 40 | 17 | 40 | 17 | 39 | 17 | 40 | 17 | 39 | 18 | 39 | 18 | 39 | 18 | 37 | 18 | 43 | 18 | 42 | 18 | 41 | 14 |
| 8 | 11 | 27 | 10·5 | 26 | 9·5 | 28 | 8·5 | 27 | 5·5 | 28 | 4 | 28 | 4 | 26 | 5·5 | 24 | 3 | 24 | 5·5 | 31 | 12 | 15 |
| 1 | 14 | 31 | 13 | 32 | 14 | 31 | 12 | 32 | 11 | 31 | 10·5 | 31 | 8·5 | 32 | 6·5 | 29 | 8·5 | 30 | 7·5 | 31 | 10·5 | 16 |
| 4 | 21 | 26 | 21 | 25 | 21 | 25 | 23 | 25 | 17 | 24 | 18 | 26 | 19 | 28 | 19 | 27 | 16 | 28 | 16 | 28 | 11 | 17 |
| 4 | 15 | 26 | 18 | 26 | 15 | 25 | 17 | 25 | 12 | 24 | 9·5 | 24 | 8·5 | 22 | 14 | 22 | 16 | 21 | 17 | 21 | 19 | 18 |
| 8 | 43 | 17 | 34 | 17 | 34 | 16 | 36 | 16 | 39 | 17 | 39 | 17 | 41 | 17 | 47 | 17 | 46 | 18 | 52 | 18 | 44 | 19 |
| 0 | 13 | 1 | 15 | 1 | 10·5 | 32 | 10·5 | 1 | 13 | 2 | 12 | 3 | 15 | 4 | 14 | 4 | 12 | 5 | 12 | 5 | 10·5 | 20 |
| 2 | 28 | 11 | 26 | 11 | 26 | 6 | 20 | 8 | 29 | 6 | 27 | 6 | 28 | 5 | 28 | 4 | 33 | 2 | 37 | 1 | 32 | 21 |
| 1 | 40 | 20 | 19 | 21 | 21 | 21 | 24 | 22 | 21 | 23 | 27 | 23 | 18 | 22 | 19 | 22 | 13 | 22 | 14 | 21 | 13 | 22 |
| 7 | 16 | 16 | 14 | 14 | 14 | 23 | 11 | 24 | 6·5 | 28 | 5·5 | 30 | 2 | 30 | 2 | 30 | 4 | 2 | 3 | 2 | 2 | 23 |
| 6 | 20 | 15 | 15 | 16 | 17 | 16 | 11 | 14 | 16 | 14 | 10·5 | 15 | 7·5 | 14 | 12 | 18 | 10·5 | 26 | 5·5 | 4 | 7·5 | 24 |
| 0 | 17 | 20 | 16 | 23 | 8·5 | 22 | 8·5 | 24 | 7·5 | 25 | 5·5 | 18 | 4·5 | 18 | 3 | 18 | 4 | 22 | 3 | 22 | 2 | 25 |
| 2 | 8·5 | 28 | 9·5 | 29 | 7·5 | 30 | 4·5 | 30 | 5·5 | 30 | 2 | 30 | 4·5 | 30 | 5·5 | 30 | 5·5 | 30 | 4·5 | 30 | 2 | 26 |
| 2 | 13 | 22 | 13 | 23 | 14 | 23 | 11 | 23 | 10·5 | 20 | 9·5 | 17 | 10·5 | 15 | 14 | 16 | 6·5 | 17 | 15 | 16 | 24 | 27 |
| 4 | 17 | 24 | 15 | 26 | 15 | 26 | 9·5 | 24 | 6·5 | 26 | 7·5 | 25 | 6·5 | 21 | 3 | 19 | 7·5 | 19 | 7·5 | 24 | 8·5 | 28 |
| 2 | 28 | 21 | 32 | 20 | 30 | 20 | 26 | 22 | 26 | 22 | 30 | 21 | 29 | 20 | 27 | 21 | 22 | 22 | 24 | 23 | 23 | 29 |
| 2 | 22 | 22 | 21 | 21 | 17 | 20 | 14 | 21 | 6·5 | 21 | 3 | 25 | 6·5 | 26 | 5·5 | 1 | 3 | 2 | 8 | 3 | 3 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | 31 |

*Meteorological Office,*
*116 Victoria Street, Westminster. S.W.*
**ROBERT H. SCOTT, Director.**

# ARMAGH OBSERVATORY LAT 54°21' N LONG 6°39' W.

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29·226 | 28·994 | 28·972 | 28·982 | 28·986 | 28·972 | 28·980 | 29·040 | 29·074 | 29·114 | 29·142 | 29·182 | 29·206 |
| 2 | ·282 | 29·262 | 29·252 | 29·240 | 29·238 | 29·248 | 29·252 | ·274 | ·284 | ·296 | ·302 | ·324 | ·342 |
| 3 | ·466 | ·468 | ·454 | ·446 | ·450 | ·454 | ·450 | ·458 | ·464 | ·466 | ·474 | ·474 | ·475 |
| 4 | ·514 | ·514 | ·515 | ·516 | ·508 | ·524 | ·532 | ·537 | ·546 | ·558 | ·586 | ·575 | ·594 |
| 5 | ·776 | ·776 | ·764 | ·765 | ·764 | ·760 | ·760 | ·763 | ·760 | ·753 | ·753 | ·754 | ·747 |
| 6 | ·688 | ·675 | ·654 | ·652 | ·645 | ·658 | ·659 | ·673 | ·679 | ·676 | ·675 | ·678 | ·691 |
| 7 | ·699 | ·703 | ·689 | ·687 | ·688 | ·699 | ·703 | ·707 | ·715 | ·711 | ·709 | ·702 | ·694 |
| 8 | ·694 | ·659 | ·684 | ·679 | ·664 | ·658 | ·654 | ·650 | ·632 | ·619 | ·595 | ·569 | ·546 |
| 9 | 29·227 | 29·221 | 29·199 | ·197 | ·197 | ·189 | ·177 | ·171 | ·155 | ·127 | ·122 | ·106 | ·102 |
| 10 | 28·998 | 28·996 | 28·988 | ·006 | ·021 | ·040 | ·058 | ·066 | ·078 | ·086 | ·102 | ·104 | ·118 |
| 11 | 29·330 | 29·332 | 29·330 | ·302 | ·284 | ·272 | ·274 | ·266 | ·262 | ·247 | ·220 | ·202 | ·188 |
| 12 | ·294 | ·332 | ·358 | ·374 | ·402 | ·440 | ·458 | 29·498 | 29·534 | 29·562 | 29·582 | 29·606 | 29·624 |
| 13 | 29·896 | 29·906 | 29·921 | 29·928 | ·944 | ·960 | ·996 | 30·014 | 30·032 | 30·042 | 30·054 | 30·059 | 30·058 |
| 14 | 30·042 | 30·024 | 30·024 | 30·006 | ·986 | ·984 | ·972 | 29·964 | 29·936 | 29·926 | 29·905 | 29·885 | 29·869 |
| 15 | 29·674 | 29·683 | 29·653 | 29·627 | ·624 | ·611 | ·611 | ·606 | ·613 | ·623 | ·640 | ·670 | ·695 |
| 16 | ·814 | ·863 | ·864 | ·854 | ·852 | ·852 | ·864 | ·866 | ·864 | ·860 | ·854 | ·844 | ·836 |
| 17 | ·792 | ·782 | ·766 | ·758 | ·756 | ·759 | ·766 | ·764 | ·750 | ·740 | ·707 | ·685 | ·667 |
| 18 | ·553 | ·555 | ·565 | ·571 | ·579 | ·591 | ·603 | ·631 | ·651 | ·665 | ·676 | ·690 | ·700 |
| 19 | ·687 | ·674 | ·642 | ·623 | ·598 | ·589 | ·577 | ·573 | ·561 | ·551 | ·556 | ·559 | ·544 |
| 20 | ·431 | ·422 | ·421 | ·421 | ·411 | ·421 | ·429 | ·441 | ·441 | ·439 | ·440 | ·440 | ·438 |
| 21 | ·430 | ·430 | ·418 | ·404 | 29·402 | 29·402 | 29·394 | 29·392 | 29·380 | ·368 | ·352 | ·322 | ·296 |
| 22 | ·163 | ·134 | ·092 | ·048 | 28·994 | 28·960 | 28·927 | 28·942 | 28·972 | ·021 | ·076 | ·126 | ·160 |
| 23 | ·426 | ·434 | ·449 | ·476 | 29·490 | 29·516 | 29·548 | 29·588 | 29·612 | ·638 | ·666 | ·674 | ·680 |
| 24 | ·812 | ·816 | ·818 | ·818 | ·834 | ·846 | ·860 | ·876 | ·888 | ·881 | ·888 | ·886 | ·882 |
| 25 | ·896 | ·886 | ·888 | ·876 | ·878 | ·886 | ·902 | 29·908 | 29·890 | ·896 | ·899 | ·903 | ·905 |
| 26 | ·963 | ·983 | ·987 | ·981 | ·985 | ·995 | ·998 | 30·006 | 30·007 | ·998 | ·990 | ·978 | ·970 |
| 27 | ·795 | ·794 | ·782 | ·766 | ·754 | ·736 | ·732 | 29·722 | 29·782 | ·723 | ·720 | ·712 | ·692 |
| 28 | ·492 | ·462 | ·424 | ·383 | ·364 | ·362 | ·338 | ·316 | ·296 | ·270 | ·247 | ·227 | ·207 |
| 29 | ·157 | ·159 | ·155 | ·163 | ·157 | ·175 | ·175 | ·195 | ·187 | ·169 | 29·164 | ·115 | ·074 |
| 30 | 29·297 | 29·301 | 29·307 | 29·312 | 29·311 | 29·331 | 29·341 | 29·355 | 29·361 | 29·379 | * | 29·384 | 29·388 |
| 31 | | | | | | | | | | | | | |

## DRY BULB THERMOMETER 4 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDN. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 57·9 | 58·4 | 59·7 | 59·2 | 58·1 | 58·0 | 58·7 | 55·9 | 55·4 | 57·2 | 58·2 | 58·4 | 61·0 | 61·9 | 61·0 | 57·0 | 57·9 | 55·1 | 54·0 | 52·7 | 52·8 | 52·1 | 52·2 | 52·3 |
| 2 | 52·6 | 52·9 | 53·1 | 53·6 | 53·0 | 52·7 | 53·4 | 55·0 | 57·6 | 58·2 | 60·7 | 59·7 | 61·6 | 60·7 | 56·9 | 60·2 | 59·1 | 58·2 | 56·1 | 54·9 | 54·1 | 53·8 | 52·9 | 52·2 |
| 3 | 51·8 | 51·0 | 50·6 | 50·3 | 50·2 | 50·0 | 51·8 | 52·7 | 56·9 | 57·9 | 59·2 | 61·0 | 60·7 | 55·2 | 57·7 | 57·0 | 56·3 | 55·9 | 53·9 | 51·7 | 52·9 | 52·2 | 51·7 | 51·9 |
| 4 | 51·0 | 53·7 | 51·2 | 49·9 | 48·9 | 49·0 | 49·0 | 50·1 | 52·7 | 55·0 | 56·0 | 58·0 | 57·6 | 58·0 | 54·2 | 55·2 | 56·0 | 55·0 | 51·7 | 51·2 | 49·7 | 50·0 | 49·0 | 47·9 |
| 5 | 48·9 | 49·2 | 48·0 | 48·1 | 47·5 | 50·0 | 52·7 | 52·9 | 52·7 | 54·0 | 53·0 | 53·1 | 52·5 | 54·0 | 52·7 | 53·9 | 53·0 | 53·0 | 52·3 | 51·8 | 51·4 | 51·7 | 51·3 | 51·0 |
| 6 | 51·0 | 50·8 | 51·0 | 50·2 | 50·6 | 50·8 | 49·8 | 50·8 | 52·1 | 53·1 | 56·2 | 57·9 | 57·6 | 57·1 | 56·3 | 56·9 | 56·1 | 56·3 | 55·4 | 55·4 | 55·4 | 55·4 | 55·4 | 55·4 |
| 7 | 55·3 | 54·1 | 54·0 | 53·6 | 53·0 | 53·2 | 54·0 | 54·0 | 56·2 | 57·1 | 57·9 | 58·0 | 60·0 | 60·0 | 60·0 | 59·8 | 59·9 | 58·9 | 57·4 | 56·1 | 54·7 | 53·6 | 53·4 | 52·2 |
| 8 | 51·8 | 45·6 | 47·5 | 47·7 | 48·4 | 48·9 | 50·6 | 51·9 | 53·0 | 56·5 | 56·7 | 57·3 | 57·0 | 57·2 | 57·6 | 57·4 | 57·2 | 55·9 | 55·9 | 55·1 | 54·5 | 53·2 | 52·9 | 52·2 |
| 9 | 51·7 | 50·9 | 49·1 | 47·6 | 46·5 | 45·5 | 45·7 | 48·4 | 51·2 | 53·9 | 55·2 | 56·0 | 53·1 | 52·5 | 55·3 | 53·5 | 52·0 | 52·4 | 50·2 | 49·0 | 49·2 | 47·6 | 48·0 | 48·0 |
| 10 | 47·8 | 48·1 | 48·0 | 48·2 | 47·2 | 47·2 | 47·9 | 48·9 | 51·1 | 52·7 | 55·0 | 54·2 | 50·3 | 55·6 | 55·9 | 52·6 | 52·7 | 49·2 | 49·3 | 48·1 | 48·2 | 47·8 | 47·6 | 47·2 |
| 11 | 48·0 | 47·0 | 47·1 | 47·7 | 48·9 | 49·2 | 50·0 | 50·8 | 50·8 | 51·4 | 52·7 | 54·1 | 56·0 | 55·2 | 55·3 | 54·8 | 55·2 | 54·2 | 52·8 | 51·7 | 51·0 | 51·0 | 51·0 | 51·0 |
| 12 | 50·7 | 49·3 | 48·7 | 48·1 | 47·1 | 46·7 | 47·8 | 50·2 | 52·2 | 54·8 | 57·0 | 56·8 | 58·0 | 59·1 | 58·6 | 58·1 | 55·8 | 55·0 | 51·0 | 51·8 | 51·4 | 49·8 | 48·8 | 48·5 |
| 13 | 47·2 | 47·2 | 48·2 | 48·9 | 47·4 | 47·6 | 48·7 | 50·6 | 52·6 | 54·1 | 55·0 | 54·2 | 56·0 | 56·6 | 56·8 | 57·0 | 56·2 | 54·0 | 51·3 | 50·6 | 51·0 | 51·2 | 50·9 | 49·9 |
| 14 | 49·8 | 48·7 | 47·9 | 47·7 | 47·0 | 46·4 | 46·6 | 48·9 | 53·4 | 56·4 | 57·9 | 58·9 | 60·7 | 60·9 | 61·7 | 61·5 | 60·8 | 60·2 | 59·7 | 59·2 | 59·0 | 58·7 | 58·8 | 58·4 |
| 15 | 58·4 | 58·3 | 58·7 | 58·9 | 59·0 | 59·4 | 59·5 | 59·2 | 59·2 | 59·2 | 60·2 | 59·7 | 60·4 | 61·3 | 60·6 | 59·1 | 59·7 | 58·8 | 58·6 | 58·2 | 57·0 | 56·2 | 48·2 | 47·1 |
| 16 | 45·5 | 45·0 | 44·2 | 43·6 | 42·9 | 42·9 | 44·2 | 47·2 | 50·6 | 52·4 | 53·6 | 53·8 | 53·3 | 53·5 | 53·4 | 52·2 | 51·7 | 50·0 | 49·0 | 47·3 | 45·9 | 45·7 | 45·9 | 45·3 |
| 17 | 44·8 | 43·1 | 42·8 | 42·2 | 42·6 | 42·2 | 43·7 | 45·6 | 49·5 | 52·7 | 54·7 | 56·6 | 55·1 | 54·4 | 53·0 | 53·0 | 52·6 | 52·7 | 52·5 | 52·3 | 52·4 | 52·1 | 51·4 | 51·1 |
| 18 | 51·3 | 50·9 | 50·9 | 50·4 | 50·3 | 50·0 | 50·0 | 51·6 | 52·7 | 55·6 | 56·9 | 57·8 | 58·0 | 56·7 | 56·4 | 56·6 | 55·0 | 54·0 | 52·0 | 52·0 | 51·7 | 52·0 | 52·9 | 53·7 |
| 19 | 52·8 | 53·2 | 52·6 | 52·3 | 52·0 | 51·6 | 52·8 | 53·6 | 54·7 | 55·9 | 56·1 | 56·2 | 56·0 | 56·2 | 56·2 | 55·5 | 55·9 | 55·1 | 55·3 | 56·9 | 56·3 | 54·9 | 54·5 | 54·8 |
| 20 | 54·1 | 54·7 | 54·4 | 54·6 | 55·4 | 55·4 | 56·2 | 56·9 | 56·4 | 57·5 | 58·7 | 58·9 | 59·8 | 60·0 | 60·6 | 58·9 | 58·1 | 56·7 | 56·0 | 56·0 | 56·0 | 56·2 | 56·0 | 55·8 |
| 21 | 55·9 | 55·4 | 54·6 | 54·0 | 54·0 | 54·1 | 53·1 | 55·2 | 56·0 | 56·0 | 56·8 | 57·7 | 57·0 | 57·0 | 57·4 | 56·9 | 56·6 | 56·4 | 56·0 | 55·0 | 53·2 | 52·0 | 52·0 | 52·7 |
| 22 | 51·9 | 53·9 | 52·6 | 52·1 | 52·7 | 53·4 | 54·6 | 53·9 | 54·1 | 55·0 | 54·9 | 53·0 | 55·4 | 56·1 | 56·0 | 54·9 | 55·6 | 53·6 | 54·6 | 53·9 | 53·0 | 53·3 | 51·8 | 52·6 |
| 23 | 52·8 | 53·0 | 53·8 | 53·9 | 53·9 | 53·6 | 53·9 | 54·2 | 56·2 | 56·8 | 56·8 | 58·1 | 58·7 | 59·7 | 59·1 | 59·7 | 59·0 | 56·2 | 53·2 | 51·9 | 51·0 | 50·2 | 51·2 | 51·6 |
| 24 | 51·1 | 50·3 | 49·9 | 49·2 | 48·4 | 46·7 | 46·9 | 48·8 | 52·3 | 55·2 | 56·3 | 56·1 | 55·7 | 58·6 | 58·6 | 58·9 | 57·9 | 56·9 | 56·0 | 55·3 | 54·9 | 54·4 | 54·0 | 53·0 |
| 25 | 53·0 | 53·1 | 54·0 | 54·1 | 54·3 | 54·4 | 54·6 | 54·8 | 55·9 | 56·5 | 56·7 | 56·7 | 57·0 | 57·6 | 57·6 | 57·2 | 57·0 | 56·9 | 56·9 | 54·8 | 53·5 | 52·9 | 52·0 | 52·9 |
| 26 | 52·5 | 51·4 | 51·2 | 51·0 | 50·2 | 49·9 | 50·0 | 51·0 | 51·8 | 52·2 | 53·2 | 54·1 | 54·9 | 55·1 | 55·3 | 55·3 | 55·7 | 54·7 | 53·9 | 53·7 | 52·8 | 54·3 | 54·4 | 54·0 |
| 27 | 53·0 | 53·6 | 54·1 | 54·7 | 54·4 | 54·6 | 54·2 | 54·7 | 55·2 | 58·2 | 59·0 | 59·9 | 61·0 | 61·2 | 61·2 | 60·4 | 59·2 | 56·5 | 54·6 | 52·5 | 51·7 | 50·9 | 55·9 | 56·1 |
| 28 | 57·0 | 57·6 | 57·5 | 55·6 | 55·7 | 56·0 | 57·0 | 57·7 | 58·1 | 59·4 | 59·4 | 60·8 | 60·7 | 60·2 | 57·8 | 58·4 | 58·6 | 56·7 | 55·0 | 54·0 | 52·2 | 52·1 | 50·8 | 49·8 |
| 29 | 48·1 | 46·7 | 46·6 | 47·0 | 47·1 | 46·8 | 44·6 | 45·0 | 47·0 | 48·1 | 49·0 | 50·2 | 50·1 | 49·0 | 48·9 | 45·3 | 44·1 | 43·9 | 44·0 | 44·2 | 43·9 | 43·7 | 43·6 | |
| 30 | 42·6 | 43·0 | 42·8 | 42·0 | 42·0 | 41·9 | 44·4 | 43·8 | 47·4 | 47·0 | 52·6 | 52·0 | 53·3 | 55·0 | 54·9 | 52·0 | 51·9 | 47·6 | 48·0 | 46·5 | 45·9 | 45·0 | 44·8 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action

# HOURLY VALUES *September* 1874

CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ·218 | 29·230 | 29·238 | 29·248 | 29·272 | 29·282 | 29·297 | 29·308 | 29·314 | 29·302 | 29·290 | 1 |
| ·370 | ·378 | ·374 | ·394 | ·398 | ·413 | ·430 | ·453 | ·458 | ·468 | ·468 | 2 |
| ·480 | ·476 | ·472 | ·480 | ·487 | ·507 | ·518 | ·522 | ·522 | ·520 | ·517 | 3 |
| ·599 | ·600 | ·625 | ·647 | ·681 | ·713 | ·730 | ·751 | ·755 | ·763 | ·779 | 4 |
| ·747 | ·735 | ·746 | ·734 | ·722 | ·726 | ·737 | ·734 | ·724 | ·744 | ·704 | 5 |
| ·685 | ·691 | ·685 | ·681 | ·685 | ·695 | ·701 | ·713 | ·711 | ·711 | ·705 | 6 |
| ·686 | ·674 | ·660 | ·648 | ·654 | ·658 | ·660 | ·670 | ·674 | ·686 | ·694 | 7 |
| ·515 | ·479 | ·439 | ·399 | ·375 | ·345 | ·319 | ·289 | ·277 | ·250 | ·245 | 8 |
| ·088 | ·068 | ·072 | ·048 | ·048 | ·040 | ·044 | ·036 | ·024 | ·016 | ·002 | 9 |
| ·132 | ·152 | ·172 | ·189 | ·238 | ·270 | ·298 | ·314 | ·328 | ·340 | ·326 | 10 |
| ·164 | ·146 | ·136 | ·132 | ·144 | ·172 | ·194 | ·208 | ·230 | ·244 | ·264 | 11 |
| ·642 | 29·664 | 29·689 | 29·716 | 29·744 | 29·776 | 29·804 | 29·830 | 29·854 | 29·874 | 29·880 | 12 |
| ·068 | 30·072 | 30·078 | 30·068 | 30·066 | 30·066 | 30·074 | 30·080 | 30·076 | 30·062 | 30·059 | 13 |
| ·855 | 29·831 | 29·821 | 29·799 | 29·783 | 29·779 | 29·769 | 29·749 | 29·727 | 29·743 | 29·721 | 14 |
| ·704 | ·724 | ·732 | ·752 | ·776 | ·802 | ·816 | ·828 | ·852 | ·864 | ·872 | 15 |
| ·830 | ·824 | ·822 | ·812 | ·810 | ·810 | ·809 | ·812 | ·799 | ·796 | ·790 | 16 |
| ·635 | ·609 | ·579 | ·559 | ·531 | ·527 | ·529 | ·531 | ·535 | ·535 | ·541 | 17 |
| ·710 | ·720 | ·708 | ·722 | ·722 | ·722 | ·730 | ·723 | ·704 | ·693 | ·691 | 18 |
| ·536 | ·514 | ·513 | ·499 | ·495 | ·495 | ·507 | ·485 | ·477 | ·467 | ·451 | 19 |
| ·430 | ·436 | ·425 | ·426 | ·442 | ·442 | ·452 | ·448 | ·446 | ·440 | ·435 | 20 |
| ·264 | ·234 | ·204 | ·184 | ·178 | ·186 | ·206 | ·208 | ·214 | ·206 | ·182 | 21 |
| ·168 | ·196 | ·216 | ·236 | ·268 | ·318 | ·348 | ·366 | ·389 | ·396 | ·390 | 22 |
| ·690 | ·706 | ·708 | ·722 | ·744 | ·756 | ·766 | ·788 | ·796 | ·813 | ·811 | 23 |
| ·880 | ·872 | ·864 | ·872 | ·882 | ·884 | ·890 | ·894 | ·898 | ·900 | ·901 | 24 |
| ·897 | ·893 | ·891 | ·899 | ·905 | ·919 | ·943 | ·939 | ·959 | ·965 | ·963 | 25 |
| ·946 | ·930 | ·910 | ·885 | ·882 | ·868 | ·868 | ·850 | ·838 | ·826 | ·814 | 26 |
| ·578 | ·664 | ·648 | ·650 | ·625 | ·630 | ·610 | ·596 | ·570 | ·544 | ·520 | 27 |
| ·195 | ·179 | ·160 | ·143 | ·131 | ·148 | ·165 | ·169 | ·165 | ·167 | ·173 | 28 |
| ·145 | ·047 | ·095 | ·143 | ·185 | ·211 | ·239 | ·259 | ·267 | ·279 | ·285 | 29 |
| ·188 | 29·384 | 29·390 | 29·402 | 29·408 | 29·422 | 29·424 | 29·419 | 29·414 | 29·404 | 29·408 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER. 4 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58·0 | 58·8 | 58·3 | 56·2 | 55·9 | 55·9 | 52·4 | 51·9 | 52·6 | 53·3 | 54·5 | 54·1 | 55·1 | * | * | 51·9 | 51·6 | 51·9 | 50·8 | 49·9 | 49·7 | 49·9 | 49·7 | 1 |
| 50·6 | 50·9 | 50·9 | 50·0 | 50·0 | 50·7 | 51·9 | 53·2 | 54·0 | 54·7 | 53·6 | 54·0 | 54·9 | 55·3 | 54·3 | 53·9 | 52·9 | 52·2 | 51·7 | 51·1 | 50·8 | 50·0 | 50·0 | 2 |
| 48·8 | 48·3 | 48·2 | 48·1 | 48·1 | 49·0 | 49·5 | 52·0 | 53·2 | 54·7 | 55·0 | 55·0 | 53·9 | 54·9 | 54·8 | 53·0 | 52·4 | 50·8 | 50·4 | 51·4 | 50·0 | 49·6 | 49·8 | 3 |
| 49·3 | 48·8 | 48·9 | 47·7 | 47·8 | 47·6 | 48·2 | 50·2 | 51·7 | 51·6 | 53·0 | 54·0 | 55·0 | 53·0 | 53·0 | 53·0 | 52·6 | 50·2 | 49·2 | 48·2 | 48·2 | 47·3 | 46·7 | 4 |
| 48·0 | 47·2 | 47·0 | 45·3 | 49·0 | 49·0 | 49·2 | 50·0 | 51·0 | 51·0 | 52·0 | 51·3 | 54·7 | 51·9 | 50·9 | 50·3 | 51·0 | 50·4 | 50·0 | 49·7 | 49·7 | 49·6 | 49·0 | 5 |
| 49·1 | 49·3 | 49·1 | 49·7 | 49·6 | 48·8 | 49·8 | 51·2 | 52·0 | 54·0 | 55·0 | 55·0 | 54·9 | 55·2 | 55·9 | 55·2 | 55·0 | 54·4 | 54·3 | 54·2 | 54·2 | 54·2 | 54·1 | 6 |
| 52·7 | 53·0 | 52·6 | 52·0 | 52·6 | 52·9 | 52·9 | 54·1 | 54·9 | 54·9 | 54·9 | 55·8 | 55·9 | 55·9 | 56·0 | 56·0 | 55·9 | 55·9 | 55·0 | 53·7 | 52·9 | 52·6 | 51·2 | 7 |
| 48·2 | 46·9 | 46·0 | 47·0 | 47·0 | 48·7 | 49·9 | 51·0 | 53·2 | 53·0 | 53·2 | 52·9 | 53·0 | 52·9 | 52·9 | 53·0 | 53·0 | 53·0 | 53·6 | 53·9 | 52·4 | 52·0 | 51·6 | 8 |
| 50·0 | 48·3 | 48·9 | 45·3 | 44·3 | 44·3 | 46·3 | 49·0 | 50·0 | 50·6 | 50·9 | 50·0 | 48·8 | 49·8 | 48·2 | 47·6 | 47·6 | 46·[illegible] | 46·0 | 46·0 | 45·2 | 45·0 | 44·3 | 9 |
| 46·0 | 46·0 | 45·1 | 45·5 | 44·5 | 46·2 | 46·9 | 48·7 | 48·8 | 49·7 | 52·2 | 48·2 | 51·1 | 50·0 | 50·3 | 49·8 | 48·2 | 48·3 | 47·1 | 47·6 | 48·8 | 46·0 | 46·1 | 10 |
| 47·7 | 45·9 | 46·2 | 47·6 | 47·8 | 48·8 | 49·2 | 49·9 | 50·6 | 51·9 | 53·2 | 55·8 | 54·9 | 54·9 | 54·1 | 55·0 | 53·5 | 51·9 | 50·3 | 50·0 | 49·9 | 49·9 | 50·0 | 11 |
| 48·1 | 47·4 | 46·9 | 46·0 | 45·6 | 46·6 | 48·7 | 50·7 | 50·9 | 50·9 | 51·0 | 52·3 | 52·0 | 52·4 | 52·6 | 51·6 | 50·9 | 49·0 | 49·8 | 49·9 | 45·6 | 47·4 | 47·7 | 12 |
| 48·4 | 47·4 | 47·0 | 46·7 | 46·7 | 47·6 | 49·2 | 50·9 | 51·1 | 51·2 | 50·6 | 51·0 | 52·2 | 52·2 | 52·9 | 52·9 | 51·0 | 48·5 | 48·2 | 48·0 | 48·2 | 47·5 | 46·6 | 13 |
| 48·0 | 45·3 | 45·0 | 44·8 | 44·1 | 43·8 | 46·0 | 50·2 | 53·4 | 53·0 | 53·9 | 55·0 | 55·5 | 56·2 | 56·2 | 56·2 | 56·3 | 56·0 | 55·7 | 56·0 | 55·7 | 56·2 | 55·7 | 14 |
| 48·4 | 45·8 | 45·8 | 56·2 | 56·6 | 56·9 | 57·5 | 58·0 | 58·3 | 59·0 | 58·8 | 59·0 | 58·1 | 57·7 | 56·6 | 54·0 | 54·1 | 50·8 | 49·9 | 49·3 | 48·9 | 48·9 | 48·0 | 15 |
| 42·7 | 42·9 | 42·0 | 41·0 | 41·6 | 42·9 | 45·3 | 48·0 | 48·8 | 47·2 | 49·0 | 49·3 | 49·3 | 49·1 | 49·2 | 47·8 | 48·1 | 49·2 | 46·1 | 44·5 | 44·0 | 44·7 | 44·0 | 16 |
| 41·0 | 41·8 | 41·2 | 41·6 | 41·0 | 42·0 | 44·2 | 47·0 | 49·2 | 49·2 | 51·0 | 51·0 | 50·8 | 50·9 | 50·1 | 50·6 | 50·6 | 50·8 | 51·2 | 51·8 | 51·0 | 50·0 | 49·9 | 17 |
| 49·0 | 49·2 | 49·1 | 48·7 | 48·6 | 48·0 | 49·6 | 50·0 | 51·9 | 52·1 | 52·7 | 51·9 | 51·0 | 51·8 | 51·5 | 51·0 | 51·0 | 50·0 | 49·4 | 49·0 | 49·7 | 51·0 | 52·2 | 18 |
| 49·6 | 50·8 | 50·3 | 50·0 | 49·6 | 50·2 | 50·8 | 51·8 | 52·9 | 52·9 | 55·2 | 56·0 | 56·0 | 56·6 | 56·2 | 56·3 | 56·0 | 55·2 | 54·2 | 52·9 | 52·0 | 51·8 | 51·9 | 19 |
| 52·2 | 52·9 | 53·5 | 54·1 | 54·8 | 55·0 | 54·9 | 55·7 | 56·0 | 56·9 | 56·4 | 56·3 | 56·0 | 56·7 | 56·4 | 56·2 | 56·9 | 55·0 | 54·9 | 52·6 | 54·0 | 53·8 | 53·0 | 20 |
| 54·4 | 52·8 | 52·9 | 52·7 | 52·8 | 52·6 | 53·2 | 54·2 | 54·7 | 55·6 | 56·0 | 56·0 | 56·0 | 56·0 | 56·1 | 56·1 | 56·0 | 56·0 | 55·0 | 53·6 | 52·2 | 49·8 | 49·7 | 21 |
| 50·0 | 50·9 | 51·0 | 51·7 | 51·9 | 51·5 | 51·7 | 51·4 | 52·0 | 52·9 | 51·6 | 52·0 | 53·0 | 53·0 | 52·4 | 52·2 | 52·0 | 52·2 | 51·6 | 51·0 | 51·2 | 50·0 | 50·4 | 22 |
| 53·3 | 51·9 | 51·4 | 51·9 | 51·6 | 51·8 | 52·2 | 53·7 | 54·0 | 53·8 | 54·6 | 54·9 | 55·4 | 54·7 | 54·7 | 54·1 | 54·1 | 51·9 | 50·7 | 49·9 | 49·2 | 49·4 | 50·6 | 23 |
| 47·8 | 48·8 | 48·2 | 47·1 | 45·8 | 46·0 | 47·6 | 50·6 | 52·8 | 53·0 | 53·0 | 53·8 | 53·2 | 53·9 | 54·1 | 53·6 | 53·8 | 52·8 | 52·1 | 51·9 | 52·0 | 51·6 | 51·2 | 24 |
| 52·0 | 52·2 | 52·0 | 52·4 | 53·2 | 53·3 | 53·7 | 54·4 | 55·1 | 55·6 | 56·0 | 56·6 | 57·0 | 56·4 | 56·4 | 56·4 | 56·3 | 56·6 | 54·0 | 52·8 | 52·0 | 52·3 | 54·4 | 25 |
| 49·5 | 50·0 | 50·0 | 49·6 | 48·9 | 49·4 | 49·9 | 50·4 | 50·2 | 49·5 | 50·9 | 51·1 | 51·9 | 52·9 | 52·9 | 53·6 | 52·5 | 52·0 | 52·0 | 52·0 | 53·1 | 53·4 | 53·2 | 26 |
| 53·8 | 53·9 | 54·0 | 53·9 | 54·0 | 53·7 | 53·9 | 53·9 | 55·3 | 54·7 | 55·9 | 56·6 | 56·9 | 56·7 | 56·2 | 56·2 | 56·1 | 53·2 | 51·4 | 51·0 | 53·2 | 54·7 | 55·2 | 27 |
| 55·2 | 56·2 | 54·3 | 54·2 | 54·4 | 54·9 | 55·7 | 56·2 | 56·8 | 57·2 | 57·0 | 55·4 | 55·1 | 55·6 | 55·6 | 55·3 | 55·7 | 54·0 | 53·4 | 51·6 | 51·5 | 49·9 | 49·0 | 28 |
| 46·5 | 46·1 | 46·6 | 46·0 | 45·8 | 43·7 | 43·9 | 45·0 | 45·8 | 46·0 | 47·2 | 46·9 | 47·5 | 47·0 | 44·9 | 43·9 | 43·5 | 41·4 | 41·0 | 41·7 | 41·2 | 41·0 | 40·9 | 29 |
| 40·0 | 40·0 | 40·0 | 39·7 | 39·8 | 41·2 | 44·7 | 46·4 | 47·3 | 46·4 | 47·1 | 48·0 | 47·8 | 48·1 | 46·3 | 46·1 | 45·4 | 44·3 | 43·4 | 43·0 | 42·5 | 42·0 | | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

Meteorological Office.
116 Victoria Street Westminster. S.W.
ROBERT H. SCOTT. Director.

# ARMAGH OBSERVATORY LAT. 54°21' N LONG. 6°39' W.

## WIND

DIRECTION IN NUMBERS { 8 - E, 24 - W / 16 - S, 32 - N }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 13 | 32 | 14 | 28 | 15 | 19 | 17 | 11 | 16 | 14 | 16 | 19 | 17 | 22 | 18 | 20 | 19 | 21 | 20 | 19 | 19 | 22 | 19 | 18 | 18 | 21 |
| 2 | 15 | 16 | 16 | 16 | 16 | 19 | 16 | 15 | 16 | 16 | 16 | 19 | 16 | 20 | 17 | 19 | 18 | 16 | 18 | 18 | 19 | 24 | 20 | 20 | 19 | 22 |
| 3 | 16 | 12 | 16 | 13 | 16 | 12 | 16 | 14 | 16 | 11 | 16 | 12 | 18 | 13 | 18 | 14 | 19 | 11 | 20 | 16 | 21 | 16 | 20 | 11 | 20 | 11 |
| 4 | 20 | 9 5 | 21 | 12 | 23 | 9 5 | 20 | 9 5 | 20 | 11 | 21 | 10 5 | 20 | 11 | 20 | 11 | 21 | 17 | 22 | 10 5 | 23 | 9 5 | 25 | 10 5 | 25 | 9 |
| 5 | 21 | 7 5 | 23 | 8 5 | 21 | 6 5 | 21 | 7 5 | 21 | 6 5 | 21 | 7 5 | 21 | 8 5 | 20 | 8 5 | 21 | 9 5 | 21 | 12 | 22 | 9 5 | 23 | 7 5 | 21 | 9 |
| 6 | 18 | 5 5 | 18 | 4 | 18 | 5 5 | 14 | 4 | 11 | 4 5 | 11 | 4 5 | 6 | 4 5 | 6 | 5 5 | 5 | 6 5 | 4 | 7 5 | 8 | 6 5 | 8 | 7 5 | 9 | 4 |
| 7 | 18 | 4 5 | 19 | 6 5 | 19 | 4 | 19 | 3 | 19 | 3 | 19 | 2 | 19 | 4 5 | 20 | 5 5 | 20 | 6 5 | 21 | 5 5 | 20 | 5 5 | 21 | 6 5 | 20 | 7 |
| 8 | 21 | 5 5 | 21 | 6 5 | 20 | 4 5 | 20 | 6 5 | 18 | 5 5 | 18 | 6 5 | 18 | 6 5 | 18 | 7 5 | 17 | 11 | 17 | 12 | 10 | 12 | 16 | 14 | 16 | 15 |
| 9 | 19 | 6 5 | 20 | 9 5 | 20 | 11 | 20 | 8 5 | 19 | 5 5 | 18 | 7 5 | 18 | 7 5 | 17 | 9 5 | 16 | 11 | 19 | 13 | 18 | 18 | 19 | 15 | 19 | 13 |
| 10 | 18 | 14 | 18 | 16 | 18 | 14 | 19 | 15 | 19 | 16 | 19 | 17 | 19 | 18 | 20 | 20 | 21 | 19 | 22 | 19 | 22 | 17 | 22 | 18 | 21 | 18 |
| 11 | 18 | 10 5 | 17 | 10 5 | 18 | 8 5 | 17 | 6 5 | 17 | 9 5 | 16 | 8 5 | 18 | 8 5 | 17 | 8 5 | 17 | 8 5 | 17 | 7 5 | 18 | 8 5 | 18 | 8 5 | 19 | 6 |
| 12 | 22 | 6 5 | 25 | 6 5 | 26 | 5 5 | 26 | 5 5 | 26 | 5 5 | 22 | 4 | 27 | 4 5 | 24 | 4 | 29 | 4 5 | 31 | 7 5 | 31 | 8 5 | 29 | 8 5 | 29 | 7 |
| 13 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 4 | 20 | 3 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 2 | 29 | 3 | 31 | 4 5 | 32 | 3 | 32 | 1 |
| 14 | 16 | 11 | 16 | 12 | 16 | 12 | 17 | 12 | 16 | 10 5 | 16 | 10 5 | 16 | 11 | 17 | 14 | 17 | 15 | 18 | 16 | 18 | 19 | 18 | 22 | 18 | 23 |
| 15 | 18 | 18 | 18 | 18 | 18 | 22 | 18 | 23 | 18 | 17 | 18 | 19 | 18 | 18 | 17 | 18 | 18 | 18 | 18 | 16 | 19 | 13 | 22 | 5 5 | 25 | 6 |
| 16 | 28 | 3 | 22 | 3 | 22 | 4 | 20 | 4 | 20 | 4 | 20 | 4 | 20 | 3 | 20 | 3 | 20 | 4 | 24 | 4 | 25 | 3 | 26 | 4 5 | 24 | 4 |
| 17 | 20 | 5 5 | 21 | 4 | 21 | 4 5 | 21 | 4 5 | 19 | 5 5 | 19 | 5 5 | 19 | 5 5 | 20 | 5 5 | 20 | 8 5 | 20 | 10 5 | 20 | 14 | 20 | 12 | 20 | 14 |
| 18 | 21 | 10 5 | 21 | 10 5 | 24 | 6 5 | 21 | 10 5 | 23 | 9 5 | 22 | 9 5 | 22 | 9 5 | 20 | 8 5 | 24 | 8 5 | 22 | 8 5 | 23 | 11 | 25 | 10 5 | 25 | 10 |
| 19 | 18 | 8 5 | 18 | 5 5 | 17 | 10 5 | 17 | 12 | 17 | 14 | 17 | 15 | 17 | 15 | 16 | 12 | 17 | 14 | 17 | 15 | 18 | 17 | 18 | 15 | 17 | 14 |
| 20 | 17 | 20 | 16 | 21 | 16 | 19 | 16 | 18 | 16 | 18 | 16 | 19 | 16 | 14 | 16 | 15 | 16 | 17 | 16 | 14 | 15 | 10 | 16 | 15 | 17 | 17 |
| 21 | 14 | 12 | 14 | 9 5 | 14 | 6 5 | 14 | 5 5 | 13 | 6 5 | 13 | 6 5 | 12 | 5 5 | 9 | 4 5 | 6 | 6 5 | 5 | 4 5 | 8 | 6 5 | 8 | 7 5 | 6 | 9 |
| 22 | 11 | 10 5 | 11 | 15 | 11 | 18 | 12 | 20 | 12 | 28 | 12 | 25 | 13 | 30 | 14 | 24 | 15 | 27 | 16 | 24 | 16 | 28 | 17 | 25 | 17 | 20 |
| 23 | 18 | 13 | 18 | 13 | 18 | 16 | 18 | 18 | 18 | 15 | 18 | 18 | 18 | 18 | 19 | 14 | 20 | 16 | 20 | 13 | 19 | 16 | 18 | 14 | 19 | 10 |
| 24 | 19 | 3 | 19 | 3 | 17 | 3 | 19 | 4 | 18 | 4 | 18 | 4 | 20 | 3 | 20 | 4 | 20 | 7 5 | 20 | 7 5 | 21 | 9 5 | 20 | 9 5 | 21 | 12 |
| 25 | 18 | 8 5 | 19 | 11 | 19 | 12 | 19 | 11 | 20 | 12 | 20 | 9 5 | 20 | 9 5 | 20 | 5 5 | 19 | 8 5 | 19 | 8 5 | 20 | 6 5 | 23 | 4 | 21 | 4 |
| 26 | 28 | 4 | 29 | 3 | 23 | 2 | 23 | 2 | 23 | 2 | 23 | 1 5 | 23 | 1 5 | 23 | 1 5 | 23 | 2 | 23 | 2 | 24 | 3 | 6 | 3 | 12 | 2 |
| 27 | 20 | 2 | 20 | 1 5 | 20 | 2 | 20 | 3 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 1 5 | 18 | 5 5 | 17 | 7 5 | 19 | 10 5 | 21 | 7 5 | 21 | 6 |
| 28 | 15 | 7 5 | 15 | 6 5 | 16 | 12 | 16 | 16 | 16 | 19 | 16 | 16 | 16 | 19 | 16 | 16 | 15 | 16 | 16 | 20 | 16 | 19 | 17 | 18 | 17 | 21 |
| 29 | 19 | 4 5 | 17 | 5 5 | 17 | 5 5 | 17 | 4 | 17 | 4 5 | 18 | 8 5 | 18 | 4 5 | 17 | 7 5 | 15 | 10 5 | 15 | 13 | 15 | 14 | 14 | 11 | 15 | 13 |
| 30 | 16 | 15 | 17 | 15 | 17 | 13 | 17 | 13 | 17 | 15 | 16 | 15 | 16 | 15 | 17 | 14 | 17 | 15 | 16 | 17 | 16 | 19 | 18 | 17 | 18 | 17 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .030 | .070 | .060 | .040 | - | - | - | - | - | - | - | .010 | - | - | - | .010 | - | - | .040 | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .030 | .010 | - | - | - | - | - | - | - | - |
| 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | .020 | .030 | .010 | - | .010 | .010 | - | - | - | - | - |
| 4 | .010 | - | - | - | .010 | - | - | .010 | - | .010 | - | - | - | .020 | .030 | .010 | - | - | - | - | - | - | - | - |
| 5 | - | - | - | - | - | - | - | - | - | - | .010 | - | - | - | - | .010 | - | - | - | - | - | - | - | - |
| 6 | - | - | - | .010 | - | - | .010 | - | - | - | - | - | - | - | .020 | .010 | .010 | .010 | .020 | - | - | - | - | - |
| 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .010 | .010 | .010 | - | - | - |
| 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .010 | .100 | .140 | .070 | .040 |
| 9 | - | - | - | - | .020 | - | - | - | - | - | - | - | .010 | - | - | - | - | - | - | - | - | - | - | - |
| 10 | .020 | - | - | - | .010 | .010 | .010 | .010 | - | - | - | .040 | .030 | - | - | .060 | - | - | - | .010 | .010 | - | .020 | .030 |
| 11 | .020 | .030 | - | .010 | - | - | - | - | - | - | .020 | .010 | - | .020 | .060 | .040 | .010 | - | - | - | - | - | - | - |
| 12 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 15 | ..... | Total for 24 hours, to 10 am = .025 ..... | | | | | | | | | | | | | | | | | | | | | | |
| 16 | ..... | do. | " | " | " | do. | - | = .027 | ..... | | | | | | | | | | | | | | | |
| 17 | - | - | - | - | - | - | - | - | - | - | - | - | .010 | - | - | - | - | - | - | .010 | - | - | - | - |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 19 | - | - | - | - | - | - | .010 | - | - | - | - | - | - | - | .020 | .010 | .010 | - | - | - | - | - | - | - |
| 20 | - | - | - | - | - | - | - | - | .020 | - | - | - | - | - | - | - | - | .010 | .010 | - | - | - | - | - |
| 21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .020 | .060 | .070 | .020 | - | - | - | - | - |
| 22 | - | - | .030 | .050 | .040 | .030 | .010 | .010 | - | - | - | - | .010 | .020 | .010 | .010 | - | - | - | - | - | - | .020 | .040 |
| 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | .020 | .080 | .020 | .010 | .010 | .030 | .080 | .040 | .050 | .010 | - | .010 | - |
| 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .030 | .030 | .050 | .030 | .100 | .050 | .010 | - | - | - |
| 29 | - | - | - | - | .010 | .060 | .120 | .010 | - | - | - | .010 | .010 | .080 | .040 | .040 | - | - | - | - | - | - | - | - |
| 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

block out of order

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 9 | 20 | 20 | 17 | 18 | 16 | 19 | 14 | 18 | 11 | 15 | 11 | 15 | 13 | 17 | 14 | 16 | 10 5 | 16 | 17 | 16 | 14 | 1 |
| [illegible] | 18 | 20 | 12 | 19 | 22 | 19 | 18 | 20 | 17 | 18 | 10 5 | 17 | 9 5 | 17 | 10 5 | 17 | 11 | 17 | 12 | 16 | 13 | 2 |
| 9 | 5 5 | 24 | 7 5 | 25 | 6 5 | 26 | 7 5 | 25 | 7 5 | 25 | 5 5 | 24 | 7 5 | 22 | 6 5 | 20 | 10 5 | 20 | 11 | 20 | 10 5 | 3 |
| 6 | 10 5 | 28 | 8 5 | 26 | 10 5 | 28 | 9 5 | 27 | 9 5 | 27 | 7 5 | 27 | 7 5 | 27 | 4 5 | 24 | 6 5 | 24 | 4 5 | 22 | 8 5 | 4 |
| 12 | 5 5 | 22 | 8 5 | 22 | 7 5 | 23 | 6 5 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 4 | 23 | 3 | 23 | 3 | 20 | 4 | 5 |
| | 4 5 | 7 | 4 5 | 8 | 4 | 8 | 4 5 | 16 | 5 5 | 16 | 5 5 | 16 | 4 5 | 16 | 4 5 | 17 | 4 5 | 17 | 5 5 | 17 | 6 5 | 6 |
| 7 | 7 5 | 20 | 7 5 | 20 | 6 5 | 18 | 6 5 | 20 | 7 5 | 20 | 5 5 | 20 | 4 | 24 | 3 | 24 | 3 | 23 | 4 5 | 23 | 4 | 7 |
| 5 | 18 | 16 | 18 | 16 | 19 | 15 | 19 | 16 | 17 | 15 | 20 | 16 | 17 | 16 | 15 | 19 | 7 5 | 18 | 7 5 | 21 | 6 5 | 8 |
| | 14 | 18 | 13 | 21 | 13 | 19 | 12 | 19 | 18 | 18 | 11 | 18 | 10 5 | 15 | 9 5 | 18 | 12 | 15 | 13 | 17 | 15 | 9 |
| 2 | 17 | 23 | 15 | 22 | 13 | 22 | 18 | 24 | 9 5 | 23 | 7 5 | 21 | 10 5 | 20 | 10 5 | 20 | 10 5 | 19 | 11 | 19 | 10 5 | 10 |
| 1 | 4 | 23 | 3 | 27 | 4 | 27 | 4 5 | 24 | 4 5 | 24 | 5 5 | 23 | 6 5 | 23 | 6 5 | 23 | 8 5 | 23 | 6 5 | 24 | 8 5 | 11 |
| 0 | 9 5 | 28 | 9 5 | 29 | 8 5 | 28 | 6 5 | 28 | 8 5 | 28 | 4 5 | 27 | 5 5 | 27 | 4 5 | 27 | 3 | 29 | 3 | 24 | 4 | 12 |
| 5 | 2 | 25 | 2 | 22 | 2 | 22 | 3 | 22 | 2 | 17 | 5 5 | 16 | 6 5 | 16 | 5 5 | 18 | 5 5 | 16 | 7 5 | 16 | 9 5 | 13 |
| | 20 | 18 | 18 | 18 | 18 | 18 | 17 | 18 | 22 | 18 | 23 | 18 | 22 | 17 | 18 | 18 | 25 | 17 | 19 | 18 | 17 | 14 |
| 3 | 9 5 | 23 | 6 5 | 22 | 7 5 | 27 | 6 5 | 27 | 6 5 | 28 | 4 | 28 | 3 | 28 | 2 | 28 | 3 | 28 | 2 | 28 | 3 | 15 |
| | 4 5 | 28 | 5 5 | 28 | 4 5 | 28 | 2 | 28 | 3 | 24 | 3 | 24 | 3 | 24 | 4 | 20 | 3 | 20 | 4 5 | 20 | 6 5 | 16 |
| | 14 | 19 | 11 | 19 | 13 | 19 | 12 | 19 | 15 | 20 | 15 | 20 | 14 | 21 | 11 | 21 | 10 5 | 21 | 9 5 | 21 | 9 5 | 17 |
| | 8 5 | 24 | 9 5 | 24 | 6 5 | 24 | 4 5 | 24 | 4 | 23 | 4 | 20 | 6 5 | 19 | 5 5 | 18 | 6 5 | 19 | 7 5 | 18 | 9 5 | 18 |
| | 17 | 17 | 10 | 17 | 15 | 17 | 15 | 16 | 17 | 16 | 19 | 16 | 20 | 16 | 22 | 17 | 21 | 17 | 20 | 17 | 22 | 19 |
| | 17 | 14 | 15 | 17 | 12 | 16 | 12 | 16 | 7 5 | 15 | 10 5 | 15 | 10 5 | 15 | 10 5 | 15 | 9 5 | 14 | 11 | 15 | 10 5 | 20 |
| 2 | 0 5 | 6 | 8 5 | 8 | 8 5 | 8 | 6 5 | 10 | 6 5 | 17 | 9 5 | 17 | 10 5 | 16 | 12 | 15 | 10 5 | 14 | 11 | 13 | 11 | 21 |
| | 15 | 17 | 20 | 17 | 19 | 17 | 20 | 18 | 16 | 17 | 16 | 17 | 18 | 16 | 15 | 17 | 14 | 16 | 14 | 16 | 16 | 22 |
| | 9 5 | 20 | 7 5 | 20 | 8 5 | 20 | 7 5 | 27 | 3 | 27 | 3 | 24 | 3 | 19 | 3 | 17 | 4 5 | 17 | 4 | 19 | 3 | 23 |
| | 11 | 21 | 9 5 | 21 | 7 5 | 20 | 6 5 | 20 | 5 5 | 19 | 8 5 | 18 | 7 5 | 20 | 9 5 | 20 | 8 5 | 18 | 6 5 | 19 | 7 5 | 24 |
| 4 | 2 | 17 | 4 | 19 | 4 5 | 20 | 4 5 | 19 | 5 5 | 20 | 5 5 | 23 | 4 | 25 | 3 | 23 | 4 | 23 | 4 | 25 | 4 5 | 25 |
| 2 | 5 5 | 3 | 4 5 | 17 | 5 5 | 17 | 4 | 17 | 4 | 17 | 5 5 | 17 | 4 | 17 | 3 | 17 | 4 5 | 17 | 5 5 | 17 | 4 5 | 26 |
| | 6 5 | 20 | 6 5 | 20 | 4 5 | 20 | 4 5 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 15 | 5 5 | 13 | 9 5 | 15 | 7 5 | 27 |
| | 19 | 17 | 18 | 16 | 18 | 16 | 18 | 15 | 15 | 21 | 8 5 | 25 | 5 5 | 25 | 3 | 23 | 4 5 | 23 | 3 | 23 | 4 | 28 |
| | 10 5 | 18 | 17 | 20 | 18 | 19 | 18 | 19 | 15 | 18 | 13 | 17 | 16 | 17 | 15 | 17 | 15 | 17 | 14 | 17 | 15 | 29 |
| | 15 | 18 | 5 | 14 | 11 | 18 | 10 5 | 18 | 9 5 | 17 | 8 5 | 17 | 10 5 | 17 | 10 5 | 17 | 9 5 | 17 | 9 5 | 17 | 5 5 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | 31 |

*Meteorological Office,*
*116 Victoria Street, Westminster. S. W.*
ROBERT H. SCOTT, Director.

GLASGOW OBSERVATORY LAT 55 53' N LONG 4:18' W.

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29·263 | 29·227 | 29·178 | 29·[illegible]05 | 29·077 | 29·047 | 29·043 | 29·040 | 29·049 | 29·047 | 29·078 | 29·126 | 29·15 |
| 2 | 224 | 322 | 316 | 294 | 296 | 302 | 292 | 296 | 300 | 290 | 278 | 294 | 31 |
| 3 | 402 | 428 | 430 | 428 | 420 | 420 | 422 | 422 | 424 | 430 | 420 | 422 | 42 |
| 4 | 390 | 376 | 362 | 358 | 358 | 358 | 362 | 366 | 374 | 398 | 405 | 423 | 43 |
| 5 | 629 | 644 | 649 | 643 | 649 | 647 | 631 | 647 | 633 | 634 | 631 | 634 | 62 |
| 6 | 583 | 685 | 685 | 681 | 681 | 699 | 709 | 713 | 711 | 715 | 702 | 729 | 71 |
| 7 | 730 | 714 | 710 | 706 | 694 | 694 | 692 | 700 | 700 | 694 | 692 | 684 | 66 |
| 8 | 616 | 526 | 622 | 620 | 628 | 638 | 636 | 622 | 634 | 620 | 612 | 600 | 58 |
| 9 | 29·236 | 29·214 | 29·204 | 29·182 | 29·168 | 29·164 | 29·156 | 29·154 | 29·158 | 29·142 | 29·130 | 29·116 | 29·10 |
| 10 | 28·990 | [illegible]·220 | 28·[illegible]·942 | 28·932 | 28·934 | 28·952 | 28·936 | 28·942 | 28·982 | 28·938 | 28·950 | 28·960 | |
| 11 | 29·236 | 29·246 | 29·250 | 29·238 | 29·216 | 29·214 | 29·216 | 29·212 | 29·210 | 29·203 | 29·178 | 29·198 | 29·17 |
| 12 | 150 | 198 | 232 | 240 | 308 | 350 | 374 | 406 | 440 | 462 | 29·458 | 29·512 | 29·53 |
| 13 | 29·838 | 29·844 | 29·[illegible]·880 | 888 | 918 | 940 | 964 | 998 | 976 | 30·000 | 30·008 | 30·000 | |
| 14 | 30·036 | 30·036 | 30·016 | 30·010 | 998 | 970 | 960 | 946 | 930 | 916 | 29·892 | 29·808 | 29·76 |
| 15 | 29·632 | 29·614 | 29·604 | 29·590 | 578 | 555 | 548 | 540 | 538 | 544 | 552 | 590 | 60 |
| 16 | 806 | 806 | [illegible]·810 | [illegible]·8[illegible] | [illegible]·84 | [illegible]·814 | [illegible]·810 | 852 | 853 | 834 | [illegible]·825 | [illegible]·822 | [illegible]·81 |
| 17 | 734 | 718 | 702 | [illegible]·[illegible] | 682 | 680 | 676 | 180 | 074 | 654 | 641 | 619 | 00 |
| 18 | 555 | [illegible]·[illegible] | 359 | 391 | 415 | 423 | 424 | 457 | 483 | 503 | 516 | 542 | 55 |
| 19 | [illegible]·56 | 645 | 620 | 603 | 584 | 582 | 571 | 506 | 580 | 546 | 530 | 525 | 52 |
| 20 | 489 | 449 | 449 | 441 | 441 | 448 | 453 | 455 | 459 | 475 | 492 | 484 | 48 |
| 21 | 508 | 500 | 492 | 482 | 480 | 474 | 478 | 472 | 468 | 462 | 448 | 426 | 41 |
| 22 | 298 | 302 | 294 | 294 | 292 | 292 | 286 | 288 | 306 | 304 | 309 | 305 | 31 |
| 23 | 505 | 505 | 501 | 500 | 529 | 551 | 567 | 593 | 605 | 623 | 634 | 644 | 65 |
| 24 | 778 | 774 | 774 | 776 | 788 | 786 | 798 | 808 | 8[illegible] | 820 | 822 | 826 | 82 |
| 25 | [illegible]·004 | 800 | 800 | 802 | 804 | 818 | 832 | 834 | 832 | 830 | 824 | 826 | 82 |
| 26 | 902 | 904 | 904 | 912 | 904 | 932 | 942 | 950 | 964 | 966 | 970 | 964 | 95 |
| 27 | 608 | 786 | 772 | 762 | 756 | 742 | 738 | 722 | 710 | 712 | 704 | 702 | 68 |
| 28 | 556 | 526 | 498 | 462 | 438 | 420 | 412 | 404 | 390 | 358 | 322 | 302 | 28 |
| 29 | 128 | 120 | 118 | 120 | 118 | 118 | 128 | 138 | 154 | 182 | 201 | 211 | 17 |
| 30 | 29·295 | 29·299 | 29·294 | 29·315 | 29·325 | 29·387 | 29·349 | 29·351 | 29·361 | 29·377 | 29·378 | 29·376 | 29·38 |
| 31 | | | | | | | | | | | | | |

# DRY BULB THERMOMETER 7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 53·4 | 54·3 | 53·7 | 54·0 | 53·1 | 51·6 | 60·2 | 61·2 | 61·1 | 52·0 | 51·0 | 58·2 | 60·1 | 60·7 | 59·5 | 59·0 | 57·8 | 54·2 | 53·5 | 53·3 | 53·1 | 52·0 | 52·0 | |
| 2 | 51·7 | 53·2 | 53·6 | 54·0 | 53·5 | 53·9 | 56·0 | 57·3 | 58·7 | 61·2 | 61·2 | 61·5 | 60·7 | 62·0 | 54·0 | 58·6 | 59·2 | 59·3 | 57·0 | 54·5 | 53·5 | 51·1 | 52·5 | 53·0 |
| 3 | 53·3 | 53·4 | 53·4 | 52·4 | 52·5 | 52·2 | 53·6 | 55·2 | 57·0 | 58·8 | 58·6 | 57·3 | 57·5 | 57·0 | 56·6 | 56·7 | 57·8 | 55·9 | 53·5 | 53·2 | 52·6 | 51·2 | 50·7 | 51·6 |
| 4 | 51·5 | 51·6 | 50·2 | 50·8 | 51·0 | 49·7 | 51·2 | 52·0 | 54·1 | 52·2 | 54·3 | 55·9 | 57·9 | 58·0 | 57·4 | 57·6 | 55·7 | 55·0 | 53·5 | 52·5 | 51·6 | 50·6 | 50·0 | 48·4 |
| 5 | 48·3 | 47·9 | 50·0 | 49·5 | 49·7 | 49·0 | 50·2 | 51·5 | 53·5 | 52·3 | 54·7 | 53·5 | 56·0 | 56·0 | 56·6 | 56·0 | 57·0 | 55·6 | 50·8 | 50·2 | 49·4 | 49·6 | 48·4 | 47·1 |
| 6 | 46·2 | 45·0 | 45·0 | 45·9 | 46·0 | 45·7 | 46·5 | 48·2 | 50·4 | 53·0 | 52·3 | 54·2 | 56·1 | 55·2 | 55·3 | 53·1 | 52·0 | 51·3 | 51·3 | 50·7 | 50·0 | 49·6 | 49·2 | |
| 7 | 49·3 | 48·4 | 49·0 | 50·2 | 50·7 | 51·8 | 52·0 | 54·6 | 56·0 | 57·2 | 57·0 | 56·6 | 56·5 | 56·6 | 56·2 | 55·0 | 54·3 | 53·5 | 53·9 | 53·5 | 53·5 | 53·5 | 54·2 | |
| 8 | 53·2 | 52·0 | 53·6 | 48·9 | 48·6 | 48·0 | 51·3 | 51·7 | 53·3 | 55·2 | 57·9 | 56·7 | 57·0 | 57·3 | 57·4 | 57·2 | 56·8 | 55·3 | 54·0 | 54·0 | 54·0 | 54·7 | 53·6 | 54·0 |
| 9 | 54·0 | 52·5 | 52·3 | 51·4 | 51·4 | 50·7 | 50·9 | 51·3 | 51·9 | 53·3 | 55·0 | 54·6 | 56·3 | 56·3 | 57·2 | 55·5 | 56·9 | 51·2 | 51·2 | 48·9 | 48·7 | 47·7 | 47·7 | 47·6 |
| 10 | 48·0 | 47·7 | 47·3 | 47·3 | 48·4 | 48·7 | 49·3 | 50·3 | 49·8 | 49·3 | 50·3 | 50·5 | 51·3 | 51·1 | 51·7 | 50·7 | 51·9 | 50·8 | 50·0 | 49·9 | 50·0 | 50·0 | 49·7 | 49·4 |
| 11 | 49·5 | 49·7 | 48·9 | 49·2 | 53·0 | 53·7 | 50·7 | 51·4 | 51·9 | 53·3 | 55·0 | 54·9 | 56·8 | 56·3 | 56·8 | 55·7 | 55·0 | 54·4 | 53·0 | 52·4 | 52·3 | 52·1 | 51·0 | 50·0 |
| 12 | 50·7 | 50·3 | 49·2 | 48·6 | 49·2 | 48·0 | 50·7 | 50·5 | 54·3 | 56·6 | 57·0 | 56·3 | 56·0 | 56·0 | 57·9 | 58·0 | 56·9 | 56·6 | 53·7 | 53·8 | 53·3 | 52·6 | 52·0 | 51·6 |
| 13 | 50·7 | 49·6 | 49·0 | 48·6 | 44·6 | 43·0 | 46·7 | 46·7 | 50·0 | 52·5 | 54·0 | 54·2 | 55·4 | 56·3 | 56·3 | 55·9 | 53·6 | 53·7 | 51·6 | 46·1 | 46·1 | 45·9 | 46·5 | 45·5 |
| 14 | 45·7 | 46·2 | 45·5 | 45·9 | 46·5 | 47·3 | 49·9 | 51·5 | 54·7 | 55·2 | 55·9 | 56·2 | 56·8 | 56·1 | 55·8 | 56·7 | 57·7 | 57·8 | 56·3 | 56·3 | 54·2 | 54·2 | 54·4 | 54·0 |
| 15 | 54·0 | 54·0 | 54·0 | 54·0 | 54·2 | 54·2 | 54·3 | 54·1 | 54·2 | 54·1 | 54·3 | 54·3 | 55·0 | 54·9 | 58·0 | 56·1 | 55·6 | 53·4 | 51·0 | 49·5 | 48·3 | 47·0 | 46·0 | 45·7 |
| 16 | 45·5 | 46·5 | 46·0 | 47·0 | 45·3 | 45·7 | 46·2 | 47·3 | 49·3 | 50·8 | 52·5 | 52·8 | 53·0 | 52·3 | 52·0 | 52·2 | 52·0 | 52·0 | 50·5 | 49·3 | 48·0 | 45·2 | 44·1 | 43·9 |
| 17 | 42·0 | 42·3 | 42·4 | 42·0 | 40·7 | 40·6 | 39·6 | 42·3 | 44·7 | 51·7 | 53·4 | 55·1 | 52·0 | 53·1 | 52·4 | 52·5 | 51·5 | 51·5 | 51·5 | 51·2 | 51·7 | 52·1 | 52·0 | 52·2 |
| 18 | 51·4 | 52·0 | 52·3 | 51·7 | 51·0 | 51·0 | 51·0 | 51·0 | 53·0 | 53·1 | 55·0 | 55·0 | 56·2 | 54·1 | 54·5 | 55·1 | 52·5 | 52·3 | 51·6 | 51·5 | 51·0 | 51·0 | 50·0 | 49·1 |
| 19 | 49·7 | 51·1 | 51·2 | 52·3 | 52·0 | 52·4 | 52·1 | 54·1 | 54·4 | 54·6 | 54·3 | 54·0 | 54·7 | 55·1 | 54·7 | 54·8 | 55·0 | 55·4 | 55·1 | 54·7 | 55·0 | 55·0 | 55·0 | 55·0 |
| 20 | 55·0 | 55·0 | 54·0 | 53·3 | 53·3 | 53·1 | 53·0 | 54·8 | 57·8 | 57·2 | 60·0 | 61·3 | 60·0 | 57·2 | 56·6 | 57·2 | 57·0 | 56·5 | 56·2 | 56·0 | 54·9 | 55·0 | 55·0 | 55·3 |
| 21 | 51·6 | 52·3 | 52·9 | 51·7 | 51·3 | 49·2 | 52·0 | 52·2 | 52·0 | 54·7 | 54·7 | 63·0 | 61·2 | 58·0 | 57·3 | 58·3 | 54·2 | 54·1 | 54·0 | 52·9 | 53·0 | 52·0 | 52·0 | 53·0 |
| 22 | 53·0 | 52·0 | 52·4 | 53·0 | 53·1 | 54·0 | 54·3 | 55·0 | 55·6 | 56·0 | 57·0 | 57·0 | 57·3 | 58·3 | 54·2 | 57·6 | 56·0 | 55·0 | 54·2 | 54·0 | 54·0 | 54·0 | 53·3 | 53·0 |
| 23 | 52·2 | 52·1 | 52·3 | 51·4 | 52·0 | 52·2 | 52·3 | 52·4 | 53·0 | 52·6 | 52·9 | 53·5 | 52·6 | 52·9 | 53·5 | 54·0 | 54·3 | 54·1 | 54·0 | 54·0 | 53·9 | 53·6 | 53·5 | 53·5 |
| 24 | 53·0 | 54·[illegible] | [illegible] | 53·6 | 52·9 | 52·9 | 51·0 | 51·5 | 51·8 | 52·2 | 53·5 | 52·9 | 53·4 | 54·0 | 54·3 | 54·3 | 54·1 | 54·0 | 54·0 | 53·9 | 54·0 | 52·0 | 51·5 | 51·3 |
| 25 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 26 | 49·3 | 48·3 | 47·2 | 47·5 | 48·6 | 49·9 | 48·1 | 49·7 | 52·0 | 52·0 | 54·2 | 52·6 | 56·6 | 56·3 | 56·2 | 55·4 | 53·3 | 53·2 | 51·5 | 51·6 | 49·9 | 49·3 | 49·3 | 49·6 |
| 27 | 49·2 | 49·2 | 48·4 | 47·0 | 49·5 | 49·3 | 50·2 | 52·3 | 53·0 | 53·1 | 53·7 | 53·1 | 53·7 | 53·3 | 54·0 | 54·0 | 53·6 | 53·6 | 53·5 | 53·5 | 54·0 | 53·6 | 53·4 | 53·2 |
| 28 | 54·0 | 54·5 | 53·9 | 53·2 | 52·1 | 52·7 | 53·7 | 53·5 | 54·0 | 54·1 | 54·6 | 54·8 | 54·6 | 54·3 | 54·0 | 53·0 | 53·7 | 53·3 | 53·5 | 53·6 | 53·0 | 53·5 | 53·4 | 53·4 |
| 29 | 53·7 | 53·6 | 53·3 | 53·3 | 53·3 | 53·3 | 53·0 | 53·0 | 53·0 | 53·3 | 53·5 | 53·5 | 53·4 | 53·2 | 53·2 | 53·1 | 53·2 | 53·1 | 53·1 | 53·0 | 53·0 | 53·0 | 53·0 | 53·0 |
| 30 | 46·2 | 46·3 | 45·8 | 45·5 | 46·4 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES 184 September 1874

CISTERN ..... FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.196 | 29.208 | 29.236 | 29.248 | 29.252 | 29.294 | 29.304 | 29.324 | 29.330 | 29.330 | 29.32[illegible] | 1 |
| 3[illegible] | 35[illegible] | .356 | .372 | .386 | .394 | .410 | .410 | .428 | .430 | [illegible] | 2 |
| 4[illegible] | .40 | .401 | .398 | .402 | .406 | .422 | .410 | .400 | .406 | .3[illegible] | 3 |
| 4[illegible]5 | .446 | .467 | .483 | .507 | .539 | .567 | .587 | .603 | .6[illegible]2 | .6[illegible] | 4 |
| 0[illegible]7 | .624 | .631 | .635 | .645 | .655 | .663 | .673 | .685 | [illegible]4 | .68[illegible] | 5 |
| [illegible]26 | .722 | .724 | .726 | .726 | .732 | .742 | .750 | .750 | .750 | .744 | 6 |
| 6[illegible] | [illegible]:0 | .6[illegible]6 | .634 | .638 | .6[illegible] | .6[illegible] | .6[illegible]0 | .638 | .620 | .614 | 7 |
| 5[illegible]5 | 5[illegible]4 | .522 | .494 | .476 | .452 | .428 | .390 | .354 | .320 | .276 | 8 |
| 0[illegible]4 | 29.0[illegible] | 29.06[illegible] | .062 | .054 | .052 | .046 | .046 | .026 | .014 | .010 | 9 |
| 9[illegible]6 | 28.980 | 28.998 | .014 | .040 | .074 | .114 | .140 | .176 | .204 | .224 | 10 |
| [illegible]48 | 29.134 | 29.120 | .106 | .102 | .106 | .108 | .110 | .104 | .118 | .124 | 11 |
| 5[illegible]4 | 29.512 | 29.588 | 29.6[illegible] | 29.64[illegible] | 29.68[illegible] | 29.708 | 29.7[illegible] | 29.764 | 29.78[illegible] | 29.8[illegible] | 12 |
| [illegible]12 | 30.028 | 30.028 | 30.026 | 30.030 | 30.046 | 30.050 | 30.054 | 30.054 | 30.052 | [illegible] | 13 |
| [illegible]28 | 29.[illegible]1[illegible] | [illegible]9.768 | 29.746 | 29.730 | 29.724 | 29.[illegible]18 | 29.[illegible]0[illegible] | 29.[illegible]76 | 29.666 | 29.6[illegible] | 14 |
| [illegible]02 | .606 | .64[illegible] | 680 | .7[illegible]0 | [illegible]26 | .754 | 770 | .782 | .798 | 8[illegible] | 15 |
| [illegible]2[illegible] | [illegible]:7[illegible] | .784 | .7[illegible]5 | .774 | .772 | .7[illegible]2 | .76[illegible] | .76[illegible] | .754 | .7[illegible] | 16 |
| 5[illegible]7 | .563 | .527 | .[illegible]45 | .[illegible]61 | .433 | .[illegible]07 | .3[illegible]9 | .3[illegible]5 | .3[illegible]8 | .3[illegible]3 | 17 |
| [illegible]74 | [illegible]00 | .6[illegible]6 | .[illegible]2[illegible] | .644 | .650 | .672 | .[illegible]65 | .[illegible]38 | .654 | .656 | 18 |
| 5[illegible]1 | .509 | .503 | .493 | .495 | .495 | .495 | .493 | .493 | .493 | .48[illegible] | 19 |
| .488 | .490 | .484 | .484 | .494 | .508 | .532 | .524 | .522 | .520 | .518 | 20 |
| [illegible]74 | .[illegible]42 | .316 | .296 | .276 | .258 | .244 | .242 | .270 | .282 | .292 | 21 |
| [illegible]31 | .[illegible]33 | .345 | .349 | .[illegible]85 | 4[illegible]7 | .433 | .45[illegible] | .48[illegible] | .499 | .50[illegible] | 22 |
| [illegible]58 | .672 | .[illegible]84 | .[illegible]0[illegible] | .722 | .728 | .[illegible]44 | .[illegible]72 | .[illegible]72 | .[illegible]72 | .776 | 23 |
| [illegible]18 | .8[illegible]4 | .810 | .814 | .824 | .826 | .828 | .832 | .826 | .822 | .816 | 24 |
| [illegible]28 | .[illegible]14 | .[illegible]16 | .[illegible]18 | .828 | .[illegible]34 | .[illegible]62 | .[illegible]68 | .[illegible]80 | .[illegible]8[illegible] | .8[illegible]0 | 25 |
| [illegible]42 | .930 | .[illegible]08 | .[illegible]02 | .[illegible]92 | .[illegible]84 | .[illegible]84 | .[illegible]72 | .[illegible]54 | .[illegible]40 | .[illegible]2[illegible] | 26 |
| [illegible]72 | .[illegible]54 | .[illegible]50 | .636 | .630 | .632 | .[illegible]16 | .612 | .600 | .5[illegible] | .[illegible]5[illegible] | 27 |
| [illegible]48 | .222 | .204 | .208 | .200 | .190 | .190 | .166 | .158 | .138 | .132 | 28 |
| [illegible]65 | .135 | .095 | .[illegible]77 | .071 | .101 | .165 | .221 | .259 | .281 | .291 | 29 |
| [illegible]88 | 29.400 | 29.400 | 29.402 | 29.414 | 29.420 | 29.428 | 29.426 | 29.422 | 29.410 | 29.402 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER ... 7 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible]2.0 | 51.7 | 52.3 | [illegible]4.0 | [illegible]5.0 | [illegible]8.8 | [illegible]8.6 | [illegible]8.3 | [illegible]8.3 | [illegible]4.8 | [illegible]3.9 | [illegible]3.8 | [illegible]3.2 | [illegible]5.0 | [illegible]5.2 | [illegible]4.7 | [illegible]3.2 | [illegible]0.7 | [illegible]0.2 | [illegible]0.7 | [illegible]0.9 | [illegible]9.5 | [illegible]8.8 | 1 |
| [illegible]0.7 | [illegible]0.5 | [illegible]0.6 | [illegible]0.5 | [illegible]1.0 | [illegible]2.[illegible] | [illegible]3.[illegible] | [illegible]3.7 | [illegible]4.8 | [illegible]4.4 | [illegible]5.3 | [illegible]5.0 | [illegible]4.4 | [illegible]1.3 | [illegible]3.0 | [illegible]3.9 | [illegible]3.3 | [illegible]3.2 | [illegible]1.2 | [illegible]1.3 | [illegible]0.5 | [illegible]0.6 | [illegible]0.5 | 2 |
| [illegible]1.[illegible] | [illegible]1.1 | [illegible]0.7 | [illegible]0.5 | [illegible]0.2 | [illegible]0.9 | [illegible]2.0 | [illegible]2.6 | [illegible]1.7 | [illegible]2.9 | [illegible]1.7 | [illegible]2.3 | [illegible]2.2 | [illegible]3.2 | [illegible]3.2 | [illegible]3.3 | [illegible]1.5 | [illegible]0.1 | [illegible]0.0 | [illegible]9.8 | [illegible]8.3 | [illegible]8.7 | [illegible]8.9 | 3 |
| [illegible]9.0 | [illegible]8.0 | [illegible]8.3 | [illegible]8.4 | [illegible]7.2 | [illegible]9.0 | [illegible]9.2 | [illegible]0.6 | [illegible]0.6 | [illegible]1.0 | [illegible]5.3 | [illegible]3.9 | [illegible]5.8 | [illegible]2.0 | [illegible]3.1 | [illegible]0.0 | [illegible]9.7 | [illegible]9.5 | [illegible]8.3 | [illegible]7.7 | [illegible]7.2 | [illegible]7.0 | [illegible]6.2 | 4 |
| [illegible]6.0 | [illegible]5.9 | [illegible]5.8 | [illegible]5.6 | [illegible]5.7 | [illegible]7.0 | [illegible]8.5 | [illegible]0.0 | [illegible]0.0 | [illegible]0.0 | [illegible]1.0 | [illegible]0.0 | [illegible]1.0 | [illegible]2.0 | [illegible]0.7 | [illegible]0.0 | [illegible]0.6 | [illegible]2.5 | [illegible]7.8 | [illegible]8.0 | [illegible]7.3 | [illegible]6.9 | [illegible]4.3 | 5 |
| [illegible]3.3 | [illegible]3.0 | [illegible]3.0 | [illegible]2.0 | [illegible]2.5 | [illegible]4.5 | [illegible]5.9 | [illegible]7.1 | [illegible]4.4 | [illegible]4.7 | [illegible]4.7 | [illegible]5.1 | [illegible]5.0 | [illegible]5.0 | [illegible]5.3 | [illegible]4.9 | [illegible]2.1 | [illegible]8.8 | [illegible]8.2 | [illegible]8.3 | [illegible]8.3 | [illegible]8.3 | [illegible]8.3 | 6 |
| [illegible]4.0 | [illegible]4.1 | [illegible]4.2 | [illegible]4.4 | [illegible]4.2 | [illegible]5.0 | [illegible]5.2 | [illegible]5.1 | [illegible]5.1 | [illegible]5.3 | [illegible]5.4 | [illegible]5.5 | [illegible]5.5 | [illegible]5.4 | [illegible]5.4 | [illegible]5.3 | [illegible]3.0 | [illegible]3.0 | [illegible]2.6 | [illegible]2.1 | [illegible]2.3 | [illegible]2.3 | [illegible]2.9 | 7 |
| [illegible]1.0 | [illegible]9.2 | [illegible]9.6 | [illegible]9.2 | [illegible]9.[illegible] | [illegible]9.0 | [illegible]9.5 | [illegible]1.3 | [illegible]1.7 | [illegible]2.8 | [illegible]2.6 | [illegible]2.8 | [illegible]3.2 | [illegible]2.6 | [illegible]2.5 | [illegible]2.9 | [illegible]1.7 | [illegible]0.8 | [illegible]0.7 | [illegible]0.7 | [illegible]0.9 | [illegible]1.[illegible] | [illegible]2.3 | 8 |
| [illegible]2.6 | [illegible]1.4 | [illegible]1.0 | [illegible]0.2 | [illegible]0.0 | [illegible]0.0 | [illegible]0.3 | [illegible]0.0 | [illegible]0.[illegible] | [illegible]9.4 | [illegible]8.5 | [illegible]9.3 | [illegible]9.0 | [illegible]9.6 | [illegible]8.7 | [illegible]8.4 | [illegible]8.3 | [illegible]8.4 | [illegible]8.3 | [illegible]8.6 | [illegible]8.5 | [illegible]8.5 | [illegible]8.2 | 9 |
| [illegible]5.3 | [illegible]5.6 | [illegible]6.0 | [illegible]6.6 | [illegible]6.7 | [illegible]7.5 | [illegible]8.3 | [illegible]8.2 | [illegible]7.5 | [illegible]8.1 | [illegible]8.7 | [illegible]8.6 | [illegible]9.2 | [illegible]9.9 | [illegible]9.0 | [illegible]9.2 | [illegible]8.7 | [illegible]8.4 | [illegible]8.2 | [illegible]7.9 | [illegible]7.4 | [illegible]7.4 | [illegible]7.4 | 10 |
| [illegible]7.0 | [illegible]6.6 | [illegible]7.1 | [illegible]8.0 | [illegible]8.1 | [illegible]8.4 | [illegible]9.3 | [illegible]9.2 | [illegible]9.6 | [illegible]0.3 | [illegible]1.8 | [illegible]2.0 | [illegible]2.0 | [illegible]2.0 | [illegible]2.0 | [illegible]2.0 | [illegible]1.1 | [illegible]1.1 | [illegible]1.4 | [illegible]1.3 | [illegible]1.0 | [illegible]0.3 | [illegible]0.3 | 11 |
| [illegible]4.9 | [illegible]4.6 | [illegible]4.6 | [illegible]4.5 | [illegible]4.6 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]4.9 | [illegible]4.9 | [illegible]5.3 | [illegible]5.1 | [illegible]5.0 | [illegible]5.1 | [illegible]5.2 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | 12 |
| [illegible]5.0 | [illegible]4.5 | [illegible]4.4 | [illegible]4.3 | [illegible]4.2 | [illegible]4.2 | [illegible]4.4 | [illegible]4.7 | [illegible]4.6 | [illegible]4.7 | [illegible]4.7 | [illegible]4.6 | [illegible]4.8 | [illegible]4.9 | [illegible]4.8 | [illegible]4.8 | [illegible]4.9 | [illegible]4.7 | [illegible]4.6 | [illegible]4.5 | [illegible]4.5 | [illegible]4.4 | [illegible]4.4 | 13 |
| [illegible]4.2 | [illegible]4.2 | [illegible]4.5 | [illegible]4.4 | [illegible]4.5 | [illegible]4.7 | [illegible]4.9 | [illegible]5.0 | [illegible]5.1 | [illegible]5.2 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.5 | [illegible]5.5 | [illegible]5.5 | 14 |
| [illegible]5.6 | [illegible]5.8 | [illegible]5.6 | [illegible]5.8 | [illegible]5.5 | [illegible]5.7 | [illegible]5.6 | [illegible]5.6 | [illegible]5.6 | [illegible]5.6 | [illegible]5.4 | [illegible]5.2 | [illegible]5.6 | [illegible]5.5 | [illegible]5.2 | [illegible]5.0 | [illegible]5.3 | [illegible]5.5 | [illegible]5.6 | [illegible]5.0 | [illegible]4.5 | [illegible]4.6 | [illegible]4.3 | 15 |
| [illegible]4.3 | [illegible]4.7 | [illegible]4.5 | [illegible]4.6 | [illegible]4.4 | [illegible]4.5 | [illegible]4.7 | [illegible]4.8 | [illegible]4.9 | [illegible]4.8 | [illegible]4.7 | [illegible]4.8 | [illegible]4.8 | [illegible]4.9 | [illegible]4.8 | [illegible]4.9 | [illegible]4.7 | [illegible]4.7 | [illegible]4.6 | [illegible]4.3 | [illegible]4.2 | [illegible]4.2 | [illegible]4.2 | 16 |
| [illegible]4.1 | [illegible]4.1 | [illegible]4.1 | [illegible]4.0 | [illegible]4.0 | [illegible]3.9 | [illegible]4.1 | [illegible]4.6 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.9 | [illegible]4.9 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.1 | [illegible]5.1 | [illegible]5.1 | [illegible]5.0 | 17 |
| [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.9 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.2 | [illegible]5.1 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.7 | [illegible]4.7 | 18 |
| [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.1 | [illegible]5.0 | [illegible]5.1 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.2 | [illegible]5.3 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.2 | 19 |
| [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.4 | [illegible]5.4 | [illegible]5.0 | [illegible]5.0 | [illegible]5.5 | [illegible]5.6 | [illegible]5.6 | [illegible]5.5 | [illegible]5.8 | [illegible]5.5 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | 20 |
| [illegible]3.0 | [illegible]3.2 | [illegible]3.0 | [illegible]3.2 | [illegible]3.1 | [illegible]3.1 | [illegible]3.3 | [illegible]3.0 | [illegible]3.3 | [illegible]3.5 | [illegible]3.4 | [illegible]3.4 | [illegible]3.4 | [illegible]3.3 | [illegible]3.3 | [illegible]3.4 | [illegible]3.3 | [illegible]3.4 | [illegible]3.4 | [illegible]3.5 | [illegible]3.4 | [illegible]3.3 | [illegible]3.3 | 21 |
| [illegible]4.1 | [illegible]3.0 | [illegible]4.3 | [illegible]4.7 | [illegible]4.7 | [illegible]4.8 | [illegible]4.8 | [illegible]4.7 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.2 | [illegible]5.1 | [illegible]5.5 | [illegible]5.4 | [illegible]5.3 | [illegible]5.2 | [illegible]5.3 | [illegible]5.2 | [illegible]5.1 | [illegible]5.1 | [illegible]5.0 | [illegible]5.0 | 22 |
| [illegible]5.1 | [illegible]5.0 | [illegible]5.1 | [illegible]5.0 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.1 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.3 | [illegible]5.2 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.2 | 23 |
| [illegible]5.[illegible] | [illegible]5.[illegible] | [illegible]5.1 | [illegible]5.1 | [illegible]5.1 | [illegible]5.3 | [illegible]5.4 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.3 | [illegible]5.3 | [illegible]5.4 | [illegible]5.4 | [illegible]5.3 | [illegible]5.3 | [illegible]5.2 | [illegible]5.1 | [illegible]5.3 | [illegible]5.1 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | 24 |
| [illegible]5.6 | [illegible]5.5 | [illegible]5.1 | [illegible]5.1 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.0 | [illegible]5.1 | [illegible]5.0 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.3 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.3 | [illegible]5.0 | [illegible]5.0 | [illegible]4.9 | 25 |
| [illegible]4.[illegible] | [illegible]4.3 | [illegible]4.2 | [illegible]4.5 | [illegible]4.3 | [illegible]4.5 | [illegible]4.7 | [illegible]4.7 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.9 | [illegible]4.7 | [illegible]4.8 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | 26 |
| [illegible]4.8 | [illegible]4.2 | [illegible]4.2 | [illegible]4.8 | [illegible]4.9 | [illegible]4.9 | [illegible]5.0 | [illegible]5.2 | [illegible]5.3 | [illegible]5.4 | [illegible]5.5 | [illegible]5.5 | [illegible]5.5 | [illegible]5.5 | [illegible]5.5 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.3 | [illegible]5.2 | [illegible]5.2 | [illegible]5.2 | [illegible]5.1 | 27 |
| [illegible]5.0 | [illegible]5.2 | [illegible]5.6 | [illegible]5.3 | [illegible]5.3 | [illegible]5.4 | [illegible]5.6 | [illegible]5.6 | [illegible]5.6 | [illegible]5.8 | [illegible]5.7 | [illegible]5.7 | [illegible]5.7 | [illegible]5.7 | [illegible]5.6 | [illegible]5.5 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.4 | [illegible]5.5 | [illegible]5.5 | [illegible]5.3 | 28 |
| [illegible]5.2 | [illegible]5.0 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.8 | [illegible]4.8 | [illegible]4.9 | [illegible]4.9 | [illegible]4.8 | [illegible]4.8 | [illegible]4.7 | [illegible]4.7 | [illegible]4.5 | [illegible]4.5 | [illegible]4.5 | [illegible]4.3 | [illegible]4.3 | [illegible]4.3 | [illegible]4.2 | 29 |
| [illegible]4.3 | [illegible]4.3 | [illegible]4.2 | [illegible]4.3 | [illegible]4.3 | [illegible]4.2 | [illegible]4.3 | [illegible]4.3 | [illegible]4.2 | [illegible]4.2 | [illegible]4.1 | [illegible]4.1 | [illegible]4.1 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | [illegible]4.0 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

Meteorological Office,
116 Victoria Street Westminster. S.W.

ROBERT H. SCOTT, Director.

# GLASGOW OBSERVATORY LAT. 55°53' N LONG. 4°18' W.

## WIND

DIRECTION IN NUMBERS { 8 = E, 24 = W / 16 = S, 32 = N }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 9 | 18 | 8 | 16 | 8 | 18 | 9 | 18 | 9 | 17 | 12 | 12 | 14 | 13 | 14 | 16 | 17 | 25 | 18 | 21 | 20 | 28 | 20 | 28 | 20 | 30 |
| 2 | 6 | 4·5 | 8 | 4·5 | 4 | 6·5 | 17 | 16 | 13 | 8·5 | 15 | 13 | 16 | 15 | 17 | 20 | 18 | 24 | 18 | 26 | 19 | 30 | 18 | 29 | 18 | 2 |
| 3 | 17 | 13 | 16 | 13 | 20 | 15 | 18 | 17 | 18 | 14 | 17 | 17 | 19 | 19 | 20 | 17 | 20 | 24 | 20 | 24 | 20 | 26 | 21 | 32 | 20 | 27 |
| 4 | 22 | 14 | 22 | 11 | 22 | 15 | 20 | 18 | 23 | 16 | 22 | 13 | 23 | 14 | 24 | 14 | 24 | 23 | 24 | 20 | 24 | 91 | 24 | 18 | 24 | 18 |
| 5 | 26 | 15 | 27 | 15 | 27 | 18 | 24 | 11 | 25 | 10·5 | 25 | 5·5 | 24 | 17 | 24 | 13 | 24 | 19 | 24 | 15 | 26 | 15 | 26 | 18 | 26 | 16 |
| 6 | 31 | 3 | 3 | 4·5 | 5 | 6·5 | 5 | 6·5 | 7 | 7·5 | 7 | 9·5 | 7 | 8·5 | 5 | 11 | 6 | 11 | 6 | 10·5 | 8 | 8·5 | 6 | 10·5 | 6 | 13 |
| 7 | 8 | 5·5 | 7 | 7·5 | 7 | 6·5 | 7 | 5·5 | 7 | 6·5 | 8 | 4·5 | 8 | 5·5 | 8 | 6·5 | * | * | * | * | 3 | 4·5 | 3 | 3 | 3 | 3 |
| 8 | 26 | 8·5 | 22 | 7·5 | 22 | 8·5 | 21 | 4·5 | 24 | 7·5 | 21 | 4·5 | 22 | 4 | 22 | 2 | * | * | * | * | 18 | 13 | 18 | 11 | 20 | 12 |
| 9 | 15 | 12 | 20 | 12 | 18 | 8·5 | 16 | 9·5 | 20 | 9·5 | 21 | 3 | 23 | 4·5 | 24 | 3 | 22 | 6·5 | 20 | 9·5 | 20 | 13 | 20 | 16 | 21 | 20 |
| 10 | 16 | 11 | 15 | 11 | 17 | 19 | 17 | 18 | 17 | 22 | 18 | 19 | 18 | 22 | 18 | 24 | 19 | 23 | 19 | 20 | 20 | 23 | 20 | 23 | 21 | 25 |
| 11 | 22 | 12 | 20 | 14 | 20 | 10·5 | 20 | 16 | 20 | 20 | 20 | 20 | 21 | 21 | 20 | 21 | 20 | 22 | 20 | 20 | 20 | 24 | 20 | 22 | 20 | 22 |
| 12 | 30 | 6·5 | 31 | 14 | 2 | 15 | 26 | 4·5 | 26 | 4·5 | 26 | 6·5 | 30 | 7·5 | 20 | 6·5 | 25 | 7·5 | 28 | 8·5 | 28 | 10·5 | 27 | 12 | 28 | 12 |
| 13 | 8 | 4·5 | 8 | 4 | 8 | 3 | 32 | 3 | 32 | 2 | 32 | 4 | 25 | 2 | 25 | 3 | 25 | 4 | 6 | 4 | 29 | 3 | 22 | 5·5 | 22 | 6 |
| 14 | 19 | 4·5 | 19 | 3 | 20 | 6·5 | 18 | 7·5 | 18 | 10·5 | 18 | 14 | 18 | 16 | 19 | 13 | 19 | 17 | 20 | 15 | 20 | 25 | 18 | 24 | 19 | 20 |
| 15 | 18 | 30 | 17 | 33 | 19 | 26 | 19 | 28 | 18 | 26 | 19 | 25 | 19 | 23 | 19 | 25 | 20 | 28 | 20 | 27 | 22 | 29 | 24 | 14 | 23 | 15 |
| 16 | 23 | 6·5 | 23 | 4·5 | 23 | 4·5 | 23 | 2 | 23 | 2 | 23 | 1·5 | 29 | 2 | 29 | 1·5 | 27 | 4·5 | 28 | 4·5 | 27 | 4 | 27 | 3 | 27 | 5 |
| 17 | 25 | 2 | 25 | 2 | 26 | 2 | 29 | 1·5 | 30 | 2 | 31 | 4 | 1 | 2 | 1 | 1·5 | 24 | 4 | 23 | 11 | 23 | 18 | 21 | 18 | 22 | 22 |
| 18 | 23 | 21 | 22 | 18 | 22 | 16 | 23 | 19 | 22 | 18 | 23 | 19 | 24 | 22 | 24 | 19 | 25 | 16 | 27 | 15 | 27 | 18 | 25 | 19 | 25 | 22 |
| 19 | 17 | 6·5 | 23 | 9·5 | 18 | 13 | 18 | 11 | 19 | 10·5 | 17 | 14 | 18 | 17 | 18 | 21 | 18 | 17 | 19 | 19 | 19 | 29 | 19 | 21 | 19 | 23 |
| 20 | 18 | 28 | 19 | 25 | 19 | 26 | 19 | 22 | 18 | 22 | 18 | 17 | 18 | 17 | 18 | 22 | 18 | 26 | 18 | 22 | 18 | 24 | 16 | 21 | 17 | 24 |
| 21 | 12 | 4·5 | 8 | 6·5 | 10 | 6·5 | 10 | 7·5 | 9 | 7·5 | 5 | 10·5 | 5 | 8·5 | 5 | 11 | 6 | 13 | 6 | 13 | 5 | 17 | 6 | 19 | 6 | 15 |
| 22 | 17 | 8·5 | 16 | 9·5 | 12 | 8·5 | 11 | 8·5 | 8 | 12 | 9 | 15 | 8 | 19 | 11 | 14 | 12 | 17 | 9 | 14 | 13 | 17 | 14 | 27 | 15 | 26 |
| 23 | 16 | 14 | 15 | 13 | 14 | 18 | 15 | 15 | 17 | 17 | 17 | 16 | 17 | 17 | 17 | 15 | 17 | 18 | 17 | 24 | 17 | 24 | 18 | 24 | 18 | 22 |
| 24 | 19 | 9·5 | 20 | 5·5 | 22 | 6·5 | 20 | 5·5 | 20 | 6·5 | 20 | 6·5 | 19 | 8·5 | 21 | 10·5 | 20 | 10·5 | 22 | 12 | 21 | 17 | 22 | 15 | 22 | 16 |
| 25 | 21 | 18 | 21 | 23 | 22 | 19 | 21 | 16 | 21 | 15 | 23 | 16 | 22 | 17 | 22 | 17 | 21 | 20 | 21 | 15 | 21 | 16 | 21 | 17 | 21 | 21 |
| 26 | 25 | 8·5 | 23 | 10·5 | 24 | 9·5 | 22 | 5·5 | 23 | 8·5 | 24 | 8·5 | 22 | 6·5 | 22 | 6·5 | 23 | 7·5 | 24 | 7·5 | 26 | 7·5 | 22 | 10·5 | 21 | 11 |
| 27 | 17 | 3 | 17 | 4 | 17 | 5·5 | 17 | 4 | 17 | 4 | 17 | 3 | 17 | 4·5 | 17 | 3 | 17 | 2 | 19 | 4·5 | 20 | 6·5 | 20 | 6·5 | 20 | 10 |
| 28 | 17 | 4 | 13 | 4·5 | 11 | 6·5 | 11 | 9·5 | 14 | 8·5 | 16 | 15 | 16 | 18 | 16 | 17 | 16 | 12 | 15 | 13 | 16 | 19 | 18 | 22 | 17 | 25 |
| 29 | 25 | 6·5 | 23 | 5·5 | 24 | 6·5 | 22 | 6·5 | 10 | 6·5 | 19 | 6·5 | 19 | 5·5 | 17 | 10·5 | 20 | 12 | 20 | 13 | 19 | 16 | 19 | 14 | 18 | 12 |
| 30 | 17 | 16 | 17 | 14 | 17 | 13 | 18 | 6·5 | 10 | 6·5 | 15 | 7·5 | 15 | 14 | 17 | 20 | 17 | 21 | 17 | 21 | 19 | 22 | 19 | 21 | 20 | 28 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | – | ·080 | ·010 | – | ·040 | ·010 | – | – | – | ·100 | – | – | – | – | – | – | – | ·010 | ·030 | – | ·030 | – | – | – |
| 2 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | ·020 | – | – | – | – | ·170 | – | – | – |
| 3 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·030 | – | – | – | – | – | – | – | – | – |
| 4 | ·010 | – | – | – | – | – | – | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | – | – | – | – | – | – | – | – | – | ·010 | ·020 | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 |
| 7 | ·010 | ·010 | ·030 | ·020 | ·020 | – | – | – | – | – | – | ·010 | – | – | – | – | – | – | – | – | – | – | – | ·010 |
| 8 | ·030 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·030 | ·170 | – |
| 9 | ·050 | ·030 | ·020 | ·020 | ·020 | ·010 | ·010 | ·020 | ·010 | ·020 | – | – | – | – | – | ·080 | ·120 | ·010 | – | – | – | – | – | – |
| 10 | – | – | – | – | ·020 | – | ·010 | ·010 | ·040 | ·050 | – | ·020 | ·020 | ·020 | ·040 | ·030 | ·010 | ·060 | – | – | ·020 | – | – | – |
| 11 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | – | – |
| 12 | – | ·030 | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 13 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | – | – | – | ·020 | ·010 | ·010 | – | – | – |
| 15 | – | – | – | – | – | – | – | ·050 | ·030 | ·010 | ·020 | – | – | – | – | ·010 | – | – | – | – | – | – | – | – |
| 16 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·020 | ·010 | ·020 | – | – | – |
| 18 | ·010 | – | – | – | – | – | – | – | – | ·010 | – | – | – | – | ·010 | – | – | – | – | – | – | – | – | – |
| 19 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | ·020 | ·010 | ·010 | ·070 | ·010 | – | – | – | – |
| 20 | – | – | – | – | – | ·010 | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 21 | – | – | – | – | – | – | – | – | – | – | – | ·020 | ·010 | ·040 | ·030 | ·050 | ·070 | ·010 | ·180 | ·090 | ·010 | ·040 | – | – |
| 22 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·020 | ·120 | – | ·010 | – | – | ·040 | – | ·030 | ·010 |
| 23 | ·000 | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·030 | – | – | – | – | – | – | – |
| 24 | – | – | – | – | – | – | ·010 | ·010 | ·030 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 25 | – | – | – | ·010 | ·030 | ·010 | ·130 | ·830 | – | – | ·030 | ·070 | – | – | ·020 | – | – | – | – | – | – | – | – | – |
| 26 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | ·010 | – | – | – | ·010 |
| 27 | ·070 | ·020 | ·020 | – | – | ·010 | ·020 | ·020 | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 28 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | – | ·020 | ·070 | ·170 | ·090 |
| 29 | ·020 | ·030 | ·010 | – | – | – | – | ·040 | – | ·010 | – | – | – | – | ·050 | ·050 | ·050 | – | – | – | ·010 | – | – | – |
| 30 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

"Record defective or Instrument out of action.

# HOURLY VALUES ... September 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | |
| 30 | | 30 | | 24 | | 20 | | 21 | | 15 | | 12 | | | | | | | | | | | 1 |
| 29 | | 19 | | 19 | | 16 | | 17 | | 17 | | 13 | | | | | | | | | | | 2 |
| 25 | | 25 | | 22 | | 16 | | 14 | | 14 | | 14 | | | | | | | | | | | 3 |
| 22 | | 22 | | 24 | | 25 | | 20 | | 19 | | 19 | | | | | | | | | | | 4 |
| 18 | | 16 | | 12 | | 13 | | 9·5 | | 6 | 5 | | | | | | | | | | | | 5 |
| 13 | | 11 | | 11 | | 11 | | 10 | 5 | 8 | 5 | 7 | 5 | | | | | | | | | | 6 |
| 9·5 | | 5 | 5 | 3 | | 5 | 5 | 6 | 5 | 7·5 | | 4·5 | | | | | | | | | | | 7 |
| 9 | 5 | 14 | | 13 | | 15 | | 10·5 | | 4·5 | | 14 | | | | | | | | | | | 8 |
| 18 | | 18 | | 13 | | 8 | 5 | 10·5 | | 9·5 | | 10 | 5 | | | | | | | | | | 9 |
| 26 | | 26 | | 19 | | 24 | | 16 | | 19 | | 16 | | | | | | | | | | | 10 |
| 20 | | 20 | | 18 | | 16 | | 11 | | 6 | 5 | 6 | 5 | | | | | | | | | | 11 |
| 14 | | 13 | | 12 | | 11 | | 8 | 5 | 10 | 5 | 5 | 5 | | | | | | | | | | 12 |
| 5 | 5 | 7·5 | | 8·5 | | 8·5 | | 7 | 5 | 4 | | 4·5 | | | | | | | | | | | 13 |
| 17 | | 18 | | 18 | | 18 | | 24 | | 20 | | 24 | | | | | | | | | | | 14 |
| 20 | | 22 | | 18 | | 18 | | 18 | | 11 | | 8·5 | | | | | | | | | | | 15 |
| 6 | 5 | 5 | 5 | 5·5 | | 5 | 5 | 6·5 | | 5 | 5 | 6·5 | | | | | | | | | | | 16 |
| 18 | | 18 | | 17 | | 18 | | 19 | | 20 | | 23 | | | | | | | | | | | 17 |
| 24 | | 20 | | 19 | | 15 | | 14 | | 14 | | 12 | | | | | | | | | | | 18 |
| 18 | | 18 | | 18 | | 19 | | 19 | | 21 | | 22 | | | | | | | | | | | 19 |
| 24 | | 22 | | 18 | | 19 | | 8·5 | | 10·5 | | 6·5 | | | | | | | | | | | 20 |
| 19 | | 19 | | 21 | | 20 | | 18 | | 15 | | 12 | | | | | | | | | | | 21 |
| 14 | | 19 | | 15 | | 16 | | 12 | | 18 | | 14 | | | | | | | | | | | 22 |
| 19 | | 19 | | 16 | | 14 | | 9·5 | | 8·5 | | 7·5 | | | | | | | | | | | 23 |
| 22 | | 13 | | 12 | | 12 | | 14 | | 9·5 | | 11 | | | | | | | | | | | 24 |
| 22 | | 19 | | 14 | | 17 | | 7·5 | | 10·5 | | 13 | | | | | | | | | | | 25 |
| 9 | | 11 | | 8·5 | | 4·5 | | 6 | 5 | 6 | 5 | 4 | 5 | | | | | | | | | | 26 |
| 22 | | 15 | | 12 | | 11 | | 10·5 | | 10·5 | | 4·5 | | | | | | | | | | | 27 |
| 17 | | 23 | | 21 | | 22 | | 21 | | 20 | | 15 | | | | | | | | | | | 28 |
| 14 | | 14 | | 18 | | 17 | | 24 | | 30 | | 35 | | | | | | | | | | | 29 |
| 19 | | 21 | | | | | | | | | | | | | | | | | | | | | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

# ABERDEEN OBSERVATORY LAT 57°10′ N LONG 2°6′ W.

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29·513 | 29·476 | 29·439 | 29·399 | 29·355 | 29·303 | 29·258 | 29·241 | 29·215 | 29·209 | 29·176 | 29·171 | 29·18 |
| 2 | ·459 | ·454 | ·449 | ·449 | ·439 | ·457 | ·463 | ·437 | ·440 | ·437 | ·418 | ·409 | ·40 |
| 3 | ·518 | ·508 | ·505 | ·499 | ·499 | ·519 | ·507 | ·502 | ·494 | ·505 | ·482 | ·479 | ·46 |
| 4 | ·419 | ·412 | ·404 | ·392 | ·385 | ·386 | ·384 | ·387 | ·385 | ·387 | ·396 | ·399 | ·40 |
| 5 | ·644 | ·649 | ·649 | ·559 | ·662 | ·669 | ·673 | ·694 | ·697 | ·691 | ·691 | ·687 | ·68 |
| 6 | ·816 | ·818 | ·819 | ·822 | ·832 | ·844 | ·849 | ·862 | ·864 | ·874 | ·881 | ·879 | ·87 |
| 7 | ·864 | ·857 | ·846 | ·842 | ·836 | ·835 | ·829 | ·839 | ·837 | ·834 | ·823 | ·816 | ·80 |
| 8 | ·698 | ·691 | ·677 | ·676 | ·681 | ·688 | ·693 | ·705 | ·701 | ·701 | ·692 | ·680 | ·68 |
| 9 | ·441 | ·412 | ·366 | ·336 | ·305 | ·272 | ·266 | ·251 | ·230 | ·220 | ·208 | ·208 | ·18 |
| 10 | ·128 | ·123 | ·115 | ·105 | ·094 | ·100 | ·094 | ·090 | ·090 | ·090 | ·088 | ·079 | ·07 |
| 11 | ·203 | ·223 | ·243 | ·210 | ·256 | ·266 | ·275 | ·282 | ·282 | ·279 | ·273 | ·279 | ·27 |
| 12 | ·261 | ·283 | ·296 | ·316 | ·333 | ·368 | 29·409 | 29·441 | 29·469 | 29·496 | 29·528 | 29·542 | 29·55 |
| 13 | 29·909 | 29·920 | 29·932 | 29·940 | 29·965 | 29·984 | 30·000 | 30·030 | 30·056 | 30·068 | 30·087 | 30·094 | 30·10 |
| 14 | 30·115 | 30·100 | 30·074 | 30·061 | 30·053 | 30·043 | 30·024 | 30·004 | 29·983 | 29·972 | 29·961 | 29·903 | 29·85 |
| 15 | 29·628 | 29·621 | 29·590 | 29·542 | 29·555 | 29·554 | 29·538 | ·548 | ·550 | ·565 | ·569 | ·569 | ·58 |
| 16 | ·871 | ·873 | ·890 | ·900 | ·909 | ·912 | ·920 | ·930 | ·947 | ·938 | ·935 | ·921 | ·91 |
| 17 | ·801 | ·791 | ·765 | ·753 | ·747 | ·738 | ·735 | ·726 | ·721 | ·707 | ·681 | ·671 | ·65 |
| 18 | ·356 | ·357 | ·353 | ·358 | ·371 | ·386 | ·405 | ·430 | ·458 | ·477 | ·499 | ·514 | ·51 |
| 19 | ·709 | ·711 | ·689 | ·679 | ·669 | ·672 | ·665 | ·654 | ·636 | ·627 | ·599 | ·574 | ·58 |
| 20 | ·552 | ·542 | ·587 | ·514 | ·526 | ·547 | ·564 | ·552 | ·571 | ·589 | ·602 | ·598 | ·59 |
| 21 | ·648 | ·651 | ·640 | ·637 | ·634 | ·645 | ·645 | ·652 | ·659 | 668 | ·663 | ·655 | ·63 |
| 22 | ·399 | ·414 | ·436 | ·456 | ·470 | ·492 | ·510 | ·523 | ·536 | ·549 | ·557 | ·557 | ·55 |
| 23 | ·680 | ·684 | ·687 | ·691 | ·695 | ·709 | ·720 | ·732 | ·744 | ·769 | ·780 | ·780 | ·79 |
| 24 | ·855 | ·858 | ·860 | ·857 | ·849 | ·850 | ·866 | ·871 | ·875 | ·879 | ·876 | ·872 | ·86 |
| 25 | ·831 | ·816 | ·804 | ·799 | ·809 | ·820 | 29·818 | 29·816 | 29·826 | 29·824 | 29·832 | 29·827 | 29·82 |
| 26 | ·938 | ·950 | ·953 | ·959 | ·975 | ·994 | 30·007 | 30·022 | 30·029 | 30·043 | 30·051 | 30·041 | 30·03 |
| 27 | ·893 | ·881 | ·859 | ·849 | ·835 | ·826 | 29·819 | 29·806 | 29·799 | 29·786 | 29·799 | 29·780 | 29·76 |
| 28 | ·659 | ·645 | ·619 | ·599 | ·571 | ·565 | ·546 | ·533 | ·514 | ·494 | ·461 | ·438 | ·41 |
| 29 | ·273 | ·256 | ·242 | ·243 | ·238 | ·216 | ·205 | ·203 | ·223 | ·250 | ·268 | ·261 | ·28 |
| 30 | 29·388 | 29·413 | 29·422 | 29·427 | 29·432 | 29·441 | 29·454 | 29·469 | 29·481 | 29·492 | 29·497 | 29·500 | 29·49 |
| 31 | | | | | | | | | | | | | |

## DRY BULB THERMOMETER 4 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52·6 | 54·4 | 54·2 | 55·0 | 55·4 | 56·9 | 56·5 | 56·1 | 57·0 | 58·0 | 60·0 | 62·1 | 60·4 | 63·0 | 62·3 | 62·0 | 60·8 | 59·6 | 58·4 | 56·2 | 55·6 | 55·5 | 54·0 | 54·0 |
| 2 | 54·3 | 54·6 | 54·8 | 54·4 | 54·5 | 55·0 | 55·6 | 56·0 | 56·9 | 56·9 | 58·5 | 59·0 | 59·0 | 61·0 | 60·6 | 59·1 | 59·5 | 59·0 | 58·2 | 56·7 | 55·9 | 55·0 | 54·0 | 52·8 |
| 3 | 52·9 | 53·0 | 51·9 | 51·8 | 51·9 | 52·6 | 54·5 | 56·1 | 57·1 | 58·0 | 60·4 | 60·0 | 60·7 | 61·7 | 61·8 | 60·9 | 60·3 | 58·9 | 56·4 | 53·6 | 52·7 | 51·9 | 51·3 | 49·8 |
| 4 | 48·8 | 48·0 | 48·0 | 48·1 | 48·6 | 48·8 | 50·1 | 52·0 | 54·1 | 57·4 | 57·9 | 58·0 | 57·9 | 58·0 | 56·4 | 54·4 | 53·9 | 53·9 | 52·1 | 51·6 | 51·5 | 51·0 | 50·4 | 49·8 |
| 5 | 49·5 | 49·0 | 48·0 | 48·9 | 48·9 | 48·1 | 48·1 | 48·0 | 48·6 | 48·5 | 48·1 | 49·7 | 52·0 | 53·0 | 53·4 | 54·0 | 52·0 | 50·0 | 48·1 | 48·3 | 48·2 | 47·8 | 47·2 | 45·8 |
| 6 | 43·8 | 42·6 | 42·0 | 41·0 | 41·1 | 41·5 | 45·1 | 47·3 | 49·2 | 50·4 | 51·0 | 52·0 | 51·6 | 51·8 | 51·2 | 50·1 | 50·0 | 49·5 | 49·0 | 47·6 | 47·0 | 47·0 | 47·9 | 47·3 |
| 7 | 47·9 | 47·2 | 46·4 | 46·4 | 50·1 | 50·8 | 51·2 | 51·2 | 52·8 | 54·0 | 52·6 | 52·3 | 52·1 | 51·6 | 52·0 | 52·5 | 53·4 | 53·5 | 53·3 | 53·6 | 53·8 | 53·9 | 53·1 | 53·0 |
| 8 | 52·1 | 52·1 | 52·1 | 52·4 | 52·0 | 52·0 | 52·3 | 53·3 | 53·0 | 52·9 | 52·6 | 52·9 | 52·2 | 51·9 | 51·0 | 51·4 | 51·8 | 51·0 | 50·6 | 50·9 | 55·8 | 54·0 | 53·6 | 53·0 |
| 9 | 53·5 | 53·1 | 53·1 | 53·0 | 53·8 | 53·0 | 53·0 | 52·2 | 54·4 | 54·4 | 54·4 | 54·0 | 53·6 | 53·4 | 53·0 | 53·9 | 53·6 | 53·9 | 51·6 | 50·0 | 48·0 | 46·4 | 46·9 | 47·0 |
| 10 | 46·1 | 47·0 | 46·1 | 46·9 | 46·2 | 48·9 | 51·0 | 51·7 | 53·5 | 54·0 | 54·9 | 55·0 | 52·9 | 51·7 | 52·6 | 53·3 | 53·0 | 52·6 | 51·4 | 50·7 | 50·6 | 50·7 | 51·0 | 50·7 |
| 11 | 49·0 | 49·9 | 49·1 | 49·4 | 49·0 | 49·0 | 48·6 | 50·0 | 52·3 | 53·0 | 55·1 | 54·7 | 54·0 | 56·2 | 56·6 | 55·2 | 53·3 | 53·1 | 52·1 | 52·0 | 51·5 | 51·0 | 51·2 | 50·0 |
| 12 | 47·5 | 46·7 | 47·0 | 48·0 | 49·1 | 49·9 | 50·3 | 52·0 | 52·7 | 54·6 | 55·4 | 54·6 | 56·1 | 56·6 | 58·6 | 52·9 | 51·7 | 50·2 | 50·0 | 48·8 | 46·4 | 47·5 | 45·5 | |
| 13 | 45·8 | 43·9 | 45·0 | 44·9 | 45·0 | 45·6 | 47·5 | 48·2 | 50·2 | 51·4 | 52·4 | 54·0 | 54·5 | 55·0 | 53·3 | 53·0 | 51·8 | 50·0 | 50·0 | 49·1 | 48·4 | 47·4 | 46·7 | |
| 14 | 47·2 | 48·1 | 46·7 | 45·9 | 45·4 | 46·3 | 47·6 | 48·6 | 50·0 | 51·2 | 55·0 | 55·1 | 52·6 | 52·3 | 53·6 | 55·0 | 54·2 | 54·2 | 53·1 | 56·7 | 57·0 | 58·0 | 58·3 | 59·0 |
| 15 | 59·0 | 58·2 | 58·2 | 59·0 | 59·4 | 58·3 | 59·0 | 60·0 | 61·1 | 63·6 | 62·6 | 63·1 | 62·9 | 63·1 | 61·1 | 59·1 | 57·0 | 53·0 | 51·0 | 49·3 | 48·1 | 47·0 | 46·0 | |
| 16 | 48·0 | 47·3 | 45·5 | 42·2 | 43·9 | 43·2 | 44·8 | 47·9 | 49·3 | 51·7 | 53·0 | 53·9 | 51·3 | 50·8 | 51·6 | 51·9 | 51·4 | 51·0 | 49·5 | 48·4 | 47·3 | 47·1 | 47·4 | 46·6 |
| 17 | 45·0 | 42·9 | 41·1 | 40·0 | 38·9 | 39·7 | 43·0 | 45·9 | 50·2 | 52·4 | 54·8 | 56·0 | 55·6 | 55·0 | 56·2 | 55·6 | 53·9 | 51·0 | 50·0 | 50·0 | 51·3 | 51·1 | 52·0 | 52·4 |
| 18 | 52·0 | 51·5 | 51·6 | 49·5 | 49·0 | 48·6 | 51·1 | 54·4 | 55·3 | 56·1 | 56·5 | 57·4 | 57·8 | 57·0 | 54·2 | 56·0 | 55·0 | 52·0 | 51·3 | 50·3 | 49·6 | 48·0 | 49·9 | 49·0 |
| 19 | 48·0 | 47·3 | 46·7 | 47·9 | 48·1 | 49·0 | 48·7 | 49·1 | 52·9 | 53·4 | 54·1 | 55·1 | 56·3 | 56·1 | 56·8 | 57·1 | 57·5 | 57·0 | 56·0 | 54·8 | 55·2 | 55·7 | 56·2 | 56·2 |
| 20 | 55·5 | 55·9 | 55·3 | 54·7 | 54·6 | 54·0 | 55·2 | 57·1 | 57·9 | 58·0 | 57·5 | 58·2 | 57·9 | 60·0 | 60·4 | 60·0 | 58·1 | 56·2 | 56·0 | 56·1 | 55·5 | 55·0 | 55·2 | 54·9 |
| 21 | 53·7 | 52·1 | 53·0 | 54·0 | 54·5 | 52·9 | 53·9 | 54·7 | 54·9 | 54·3 | 54·7 | 54·4 | 54·1 | 54·0 | 53·6 | 53·2 | 53·0 | 53·6 | 53·9 | 54·0 | 54·7 | 55·0 | 55·1 | 55·3 |
| 22 | 55·3 | 54·6 | 53·6 | 53·4 | 52·0 | 51·1 | 53·0 | 54·0 | 55·0 | 55·0 | 55·6 | 54·0 | 56·6 | 54·1 | 54·7 | 56·0 | 55·9 | 55·4 | 55·4 | 55·6 | 55·0 | 55·0 | 54·3 | |
| 23 | 54·1 | 53·9 | 53·4 | 53·3 | 53·2 | 53·0 | 53·5 | 54·6 | 56·0 | 56·0 | 57·1 | 57·9 | 58·9 | 59·0 | 56·6 | 57·1 | 57·0 | 56·3 | 55·6 | 55·5 | 54·4 | 54·1 | 53·7 | 53·5 |
| 24 | 51·2 | 51·0 | 51·0 | 48·4 | 46·8 | 48·3 | 48·0 | 49·2 | 52·9 | 55·6 | 56·0 | 58·0 | 59·3 | 57·2 | 57·8 | 56·8 | 56·3 | 55·0 | 54·0 | 53·1 | 52·1 | 52·6 | 52·4 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | 46·3 | 47·0 | 47·4 | 45·3 | 44·9 | 45·0 | 46·7 | 47·6 | 50·6 | 54·0 | 54·0 | 55·2 | 56·0 | 54·5 | 54·0 | 54·0 | 53·6 | 52·0 | 51·2 | 49·2 | 48·5 | 49·0 | 49·8 | 49·0 |
| 27 | 49·1 | 46·5 | 49·2 | 48·1 | 48·1 | 48·0 | 48·0 | 48·5 | 51·0 | 52·8 | 55·8 | 56·0 | 56·4 | 58·0 | 58·0 | 57·4 | 56·0 | 56·0 | 54·7 | 55·4 | 55·0 | 53·2 | 54·0 | 53·0 |
| 28 | 52·3 | 51·2 | 50·9 | 50·0 | 52·9 | 52·0 | 54·3 | 55·5 | 57·3 | 58·2 | 60·0 | 59·5 | 61·0 | 61·0 | 60·7 | 59·0 | 58·0 | 57·8 | 56·3 | 56·3 | 55·1 | 55·6 | 56·0 | 55·7 |
| 29 | 55·1 | 55·0 | 55·0 | 54·5 | 53·3 | 52·4 | 53·5 | 54·9 | 56·4 | 58·0 | 57·7 | 57·7 | 57·0 | 56·7 | 57·0 | 55·2 | 53·2 | 51·5 | 49·6 | 50·0 | 49·0 | 47·9 | 46·9 | 46·1 |
| 30 | 45·4 | 45·0 | 46·0 | 46·3 | 47·4 | 48·2 | 48·4 | 49·2 | 51·2 | 51·3 | 52·0 | 53·2 | 54·5 | 55·0 | 54·8 | 54·0 | 53·7 | 51·5 | 49·7 | 49·4 | 47·9 | 48·0 | 47·2 | 47·1 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* *Record defective or Instrument out of action.*

# HOURLY VALUES September 1874

CISTERN 88 FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29·254 | 29·258 | 29·301 | 29·337 | 29·381 | 29·428 | 29·443 | 29·453 | 29·447 | 29·457 | | 1 |
| ·402 | ·422 | ·445 | ·448 | ·470 | ·498 | ·498 | ·513 | ·523 | ·516 | | 2 |
| ·462 | ·447 | ·440 | ·440 | ·435 | ·440 | ·467 | ·460 | ·456 | ·444 | ·436 | 3 |
| ·417 | ·436 | ·468 | ·484 | ·511 | ·537 | ·569 | ·589 | ·609 | ·622 | ·634 | 4 |
| ·687 | ·699 | ·717 | ·729 | ·745 | ·766 | ·779 | ·793 | ·802 | ·807 | ·811 | 5 |
| ·878 | ·874 | ·874 | ·874 | ·875 | ·881 | ·886 | ·884 | ·889 | ·877 | ·878 | 6 |
| ·795 | ·775 | ·766 | ·755 | ·746 | ·747 | ·738 | ·725 | ·721 | ·712 | ·706 | 7 |
| ·650 | ·630 | ·616 | ·606 | ·586 | ·577 | ·563 | ·546 | ·526 | ·493 | ·472 | 8 |
| ·184 | ·162 | ·154 | ·138 | ·133 | ·133 | ·138 | ·130 | ·127 | ·125 | ·127 | 9 |
| ·065 | ·043 | ·034 | ·036 | ·036 | ·048 | ·055 | ·040 | ·113 | ·146 | ·168 | 10 |
| ·253 | ·236 | ·236 | ·220 | ·222 | ·222 | ·222 | ·223 | ·229 | ·236 | ·243 | 11 |
| 29·595 | 29·613 | 29·655 | 29·688 | 29·725 | 29·760 | 29·799 | 29·827 | 29·850 | 29·870 | 29·883 | 12 |
| ·188 | 30·118 | 30·118 | 30·120 | 30·123 | 30·120 | 30·127 | 30·129 | 30·125 | 30·125 | 30·123 | 13 |
| ·788 | 29·783 | 29·754 | 29·713 | 29·737 | 29·725 | 29·735 | 29·683 | 29·646 | 29·654 | 29·630 | 14 |
| ·590 | ·607 | ·642 | ·677 | ·729 | ·758 | ·791 | ·801 | ·827 | ·843 | ·860 | 15 |
| ·911 | ·901 | ·883 | ·871 | ·868 | ·865 | ·858 | ·841 | ·828 | ·818 | ·813 | 16 |
| ·623 | ·591 | ·571 | ·555 | ·528 | ·497 | ·470 | ·438 | ·391 | ·371 | ·348 | 17 |
| ·562 | ·593 | ·608 | ·631 | ·657 | ·674 | ·698 | ·702 | ·706 | ·709 | ·701 | 18 |
| ·567 | ·561 | ·554 | ·567 | ·565 | ·574 | ·578 | ·565 | ·541 | ·558 | ·571 | 19 |
| ·597 | ·601 | ·585 | ·590 | ·601 | ·625 | ·634 | ·642 | ·628 | ·635 | ·635 | 20 |
| ·621 | ·596 | ·570 | ·553 | ·539 | ·514 | ·478 | ·453 | ·426 | ·413 | ·399 | 21 |
| ·568 | ·550 | ·555 | ·564 | ·577 | ·595 | ·612 | ·623 | ·645 | ·665 | ·676 | 22 |
| ·790 | ·796 | ·791 | ·805 | ·809 | ·821 | ·851 | ·855 | ·853 | ·849 | ·846 | 23 |
| ·864 | ·851 | ·848 | ·849 | ·858 | ·865 | ·866 | ·864 | ·849 | ·848 | ·839 | 24 |
| ·823 | 29·834 | ·853 | ·861 | ·883 | ·889 | ·900 | ·907 | ·923 | ·926 | ·929 | 25 |
| 30·033 | 30·026 | ·999 | ·976 | ·991 | ·979 | ·971 | ·952 | ·946 | ·931 | ·920 | 26 |
| 29·743 | 29·733 | ·719 | ·719 | ·696 | ·699 | ·704 | ·686 | ·679 | ·669 | ·666 | 27 |
| ·392 | ·365 | 29·353 | ·336 | ·323 | ·315 | 29·302 | ·314 | ·308 | ·296 | ·276 | 28 |
| ·293 | ·310 | ·295 | ·265 | ·205 | ·206 | ·211 | ·224 | ·246 | 29·273 | 29·363 | 29 |
| 30·015 | 29·804 | 29·808 | 29·805 | 29·811 | 29·841 | 29·838 | 29·838 | 29·836 | 29·834 | 29·816 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER 4 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53·0 | 53·0 | 53·8 | 53·9 | 55·0 | 54·7 | 55·4 | 50·3 | 57·0 | 58·4 | 60·0 | 59·2 | 55·0 | 54·7 | 53·8 | 53·1 | 53·0 | 52·0 | 51·8 | 51·5 | 51·0 | 51·0 | | 1 |
| 51·5 | 51·8 | 52·0 | 52·0 | 52·3 | 52·2 | 51·4 | 52·1 | 52·6 | 53·9 | 55·0 | 55·6 | 54·5 | 54·1 | 54·4 | 53·0 | 53·0 | 52·0 | 51·6 | 51·9 | 51·4 | 50·[illegible] | 49·6 | 2 |
| 50·0 | 49·4 | 49·3 | 49·1 | 49·8 | 51·0 | 51·7 | 52·0 | 53·0 | 53·0 | 54·0 | 53·0 | 53·4 | 53·7 | 53·0 | 53·3 | 52·5 | 51·7 | 50·0 | 49·5 | 49·0 | 48·5 | 47·2 | 3 |
| 45·6 | 45·7 | 45·1 | 45·6 | 45·8 | 47·0 | 47·9 | 49·7 | 50·2 | 51·0 | 51·4 | 53·0 | 52·0 | 50·8 | 50·0 | 50·7 | 51·2 | 50·2 | 49·8 | 49·4 | 49·0 | 48·8 | 48·0 | 4 |
| 46·1 | 46·0 | 46·2 | 46·0 | 45·6 | 45·2 | [illegible] | 43·8 | 44·3 | 44·5 | 44·2 | 44·4 | 45·0 | 46·2 | 47·0 | 47·0 | 45·4 | 45·8 | 46·0 | 45·6 | 45·0 | 43·8 | [illegible] | 5 |
| 40·9 | 40·1 | 39·7 | 39·4 | 39·7 | 43·0 | 44·0 | 44·0 | 44·0 | 44·1 | 44·1 | 44·2 | 46·0 | 45·1 | 45·0 | 44·7 | 44·8 | 44·5 | 44·1 | 44·0 | 44·6 | 45·0 | 45·0 | 6 |
| 45·4 | 46·6 | 47·4 | 48·2 | 49·[illegible] | 50·0 | 50·1 | 50·9 | 52·0 | 50·1 | 50·7 | 51·0 | 51·2 | 51·2 | 51·9 | 52·4 | 53·0 | 52·9 | 52·8 | 52·0 | 50·0 | 52·4 | [illegible] | 7 |
| 51·4 | 51·4 | 51·4 | 51·1 | 51·0 | 51·5 | 51·9 | 52·1 | 52·[illegible] | 53·1 | 53·0 | 53·9 | 51·9 | 54·0 | 54·0 | 54·0 | 52·2 | 53·0 | 52·0 | 52·3 | 52·0 | 51·[illegible] | [illegible] | 8 |
| 51·0 | 51·0 | 51·0 | 52·0 | 52·3 | 52·2 | 52·7 | 53·1 | 53·2 | 53·3 | 53·0 | 52·0 | 52·1 | 52·0 | 52·0 | 52·0 | 52·0 | 50·1 | 47·1 | 45·7 | 43·1 | 46·0 | 45·0 | 9 |
| 45·0 | 44·8 | 46·3 | 46·6 | 47·0 | 48·1 | 48·5 | 50·0 | 50·5 | 50·5 | 50·7 | 51·0 | 49·5 | 50·4 | 50·9 | 49·9 | 49·9 | 49·5 | 48·5 | 48·0 | 48·4 | 48·0 | 47·2 | 10 |
| 46·0 | 45·7 | 45·5 | 45·4 | 45·[illegible] | 45·8 | 46·9 | 48·4 | 49·1 | 50·1 | 50·3 | 50·0 | 51·6 | 51·7 | 51·0 | 51·0 | 51·0 | 50·4 | 51·0 | 50·0 | 50·0 | 48·7 | 48·1 | 11 |
| 45·5 | 46·1 | 47·0 | 47·6 | 48·3 | 47·5 | 48·2 | 49·5 | 47·9 | 49·1 | 50·0 | 50·3 | 50·9 | 50·5 | 50·4 | 50·5 | 48·3 | 57·4 | 46·0 | 45·5 | [illegible] | [illegible] | [illegible] | 12 |
| 42·2 | [illegible] | 43·1 | 43·0 | 43·0 | 44·0 | 45·1 | [illegible] | 45·0 | 45·0 | 45·6 | 46·2 | 46·4 | 47·1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 13 |
| [illegible] | 43·0 | [illegible] | 42·[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 50·0 | 50·0 | 50·1 | 49·9 | 50·3 | 51·0 | 51·5 | 52·0 | 52·0 | 53·3 | 54·2 | 55·0 | 55·4 | 14 |
| 56·[illegible] | 55·8 | 56·0 | [illegible] | [illegible] | 56·0 | 56·[illegible] | [illegible] | 57·5 | 59·2 | 58·5 | 58·0 | 57·0 | 56·0 | 54·1 | 50·[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 15 |
| [illegible] | [illegible] | 40·3 | 41·3 | 41·1 | [illegible] | [illegible] | 45·3 | 45·1 | 46·0 | 47·1 | 46·0 | 46·[illegible] | 46·2 | 47·0 | 47·0 | 46·[illegible] | [illegible] | 45·6 | 45·0 | 45·0 | 45·5 | [illegible] | 16 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 17 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 18 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 19 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 20 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 21 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 22 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 23 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 24 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 25 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 26 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 27 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 28 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 29 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |


Meteorological Office,
116 Victoria Street Westminster. S. W.
ROBERT H. SCOTT, Director.

# ABERDEEN OBSERVATORY LAT. 57.10' N LONG. 2.6' W.

## WIND

DIRECTION IN NUMBERS { 8 - E , 24 - W / 16 - S , 32 - N }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 17 | 4 5 | 14 | 6 5 | 14 | 7 5 | 12 | 14 | 12 | 20 | 12 | 25 | 13 | 29 | 13 | 26 | 13 | 24 | 14 | 20 | 15 | 25 | 14 | 24 | 15 | 10 |
| 2 | 16 | 5 | 16 | 14 | 16 | 15 | 16 | 15 | 16 | 14 | 17 | 11 | 16 | 16 | 7 | 9 | 15 | 23 | 15 | 22 | 15 | 29 | 15 | 26 | 15 | 25 |
| 3 | 20 | 5 5 | 16 | 11 | 18 | 10 5 | 18 | 14 | 17 | 18 | 16 | 14 | 16 | 16 | 17 | 23 | 17 | 21 | 17 | 18 | 17 | 21 | 17 | 21 | 17 | 22 |
| 4 | 19 | 4 5 | 19 | 4 5 | 19 | 7 5 | 19 | 8 5 | 19 | 9 5 | 19 | 11 | 18 | 10 5 | 19 | 9 5 | 19 | 8 5 | 20 | 12 | 22 | 18 | 24 | 15 | 24 | 24 |
| 5 | 26 | 17 | 26 | 19 | 26 | 21 | 24 | 15 | 24 | 13 | 26 | 13 | 24 | 11 | 26 | 14 | 26 | 14 | 25 | 14 | 26 | 25 | 26 | 22 | 26 | 25 |
| 6 | 25 | 7 5 | 25 | 7 5 | 25 | 9 5 | 25 | 9 5 | 25 | 7 5 | 25 | 7 5 | 25 | 5 5 | 25 | 8 5 | 26 | 6 5 | 29 | 5 5 | 29 | 5 5 | 24 | 6 5 | 2 | 8 |
| 7 | 13 | 4 5 | 13 | 6 5 | 13 | 4 5 | 13 | 7 5 | 13 | 9 5 | 13 | 10 5 | 13 | 10 5 | 14 | 7 5 | 15 | 8 5 | 14 | 15 | 14 | 14 | 14 | 17 | 13 | 20 |
| 8 | 4 | 2 | 14 | 3 | 14 | 7 5 | 16 | 6 5 | 19 | 4 5 | 20 | 4 | 20 | 2 | 20 | 4 5 | 22 | 4 5 | 22 | 3 | 14 | 8 5 | 12 | 11 | 12 | 14 |
| 9 | 14 | 20 | 13 | 15 | 14 | 19 | 14 | 24 | 14 | 19 | 14 | 20 | 14 | 19 | 14 | 18 | 14 | 21 | 14 | 18 | 15 | 13 | 17 | 16 5 | 20 | 14 |
| 10 | 18 | 11 | 16 | 8 5 | 16 | 6 5 | 16 | 7 5 | 15 | 12 | 15 | 13 | 15 | 16 | 15 | 17 | 15 | 20 | 14 | 23 | 14 | 24 | 14 | 23 | 14 | 21 |
| 11 | 22 | 15 | 23 | 15 | 22 | 11 | 22 | 12 | 20 | 13 | 20 | 5 5 | 20 | 6 5 | 20 | 6 5 | 19 | 7 5 | 18 | 8 5 | 17 | 14 | 17 | 11 | 18 | 11 |
| 12 | 29 | 12 | 29 | 10 5 | 28 | 11 | 28 | 12 | 28 | 16 | 28 | 19 | 28 | 19 | 28 | 20 | 28 | 20 | 28 | 19 | 28 | 22 | 27 | 24 | 28 | 24 |
| 13 | 27 | 8 5 | 27 | 9 5 | 27 | 9 5 | 27 | 13 | 27 | 10 5 | 27 | 11 | 26 | 15 | 26 | 17 | 27 | 20 | 26 | 19 | 27 | 19 | 27 | 14 | 20 | 8 |
| 14 | 18 | 10 5 | 18 | 7 5 | 19 | 10 5 | 19 | 7 5 | 18 | 10 5 | 16 | 8 5 | 16 | 10 5 | 17 | 13 | 16 | 12 | 16 | 12 | 17 | 24 | 17 | 19 | 18 | 2 |
| 15 | 19 | 31 | 18 | 30 | 17 | 24 | 16 | 20 | 18 | 32 | 18 | 30 | 19 | 34 | 19 | 24 | 19 | 29 | 19 | 26 | 19 | 24 | 18 | 16 | 20 | 12 |
| 16 | 22 | 8 5 | 22 | 7 5 | 25 | 6 5 | 24 | 7 5 | 24 | 8 5 | 24 | 4 5 | 24 | 5 5 | 23 | 5 5 | 23 | 5 5 | 24 | 7 5 | 25 | 5 5 | 25 | 4 5 | 7 | 2 |
| 17 | 16 | 4 | 16 | 4 5 | 16 | 4 5 | 16 | 4 | 16 | 4 | 16 | 4 | 18 | 4 5 | 22 | 10 5 | 22 | 12 | 20 | 9 5 | 22 | 8 5 | 17 | 8 5 | 17 | 9 |
| 18 | 20 | 16 | 18 | 10 5 | 18 | 11 | 18 | 7 5 | 18 | 8 5 | 18 | 8 5 | 19 | 12 | 20 | 13 | 23 | 15 | 23 | 20 | 24 | 23 | 24 | 22 | 25 | 22 |
| 19 | 22 | 8 5 | 22 | 7 5 | 19 | 6 5 | 19 | 5 5 | 19 | 8 5 | 19 | 10 5 | 17 | 11 | 16 | 10 5 | 16 | 14 | 16 | 12 | 16 | 17 | 17 | 19 | 16 | 11 |
| 20 | 14 | 17 | 16 | 17 | 16 | 12 | 16 | 25 | 17 | 14 | 15 | 14 | 16 | 18 | 19 | 13 | 18 | 16 | 17 | 13 | 16 | 16 | 17 | 17 | 16 | 16 |
| 21 | 16 | 7 5 | 16 | 4 5 | 16 | 4 5 | 16 | 5 5 | 16 | 3 | 16 | 4 5 | 16 | 5 5 | 16 | 9 5 | 15 | 12 5 | 15 | 10 5 | 15 | 15 | 14 | 13 | 14 | 8 |
| 22 | 15 | 11 | 16 | 8 5 | 17 | 9 5 | 16 | 10 5 | 16 | 8 5 | 16 | 9 5 | 14 | 15 | 14 | 19 | 14 | 23 | 14 | 20 | 14 | 22 | 14 | 22 | 14 | 2 |
| 23 | 15 | 19 | 14 | 21 | 15 | 17 | 15 | 20 | 14 | 20 | 14 | 18 | 14 | 19 | 15 | 19 | 15 | 25 | 15 | 22 | 15 | 26 | 14 | 23 | 15 | 24 |
| 24 | 18 | 4 | 18 | 4 5 | 18 | 4 5 | 18 | 4 | 23 | 5 5 | 23 | 3 | 23 | 3 | 23 | 2 | 23 | 4 | 19 | 7 5 | 19 | 5 5 | 20 | 4 5 | 21 | 5 |
| 25 | 17 | 9 5 | 16 | 6 5 | 16 | 7 5 | 16 | 5 5 | 16 | 9 5 | 20 | 4 5 | 20 | 5 5 | 20 | 15 | 19 | 12 | 18 | 12 | 18 | 13 | 18 | 14 | 18 | 13 |
| 26 | 23 | 5 5 | 23 | 8 5 | 23 | 6 5 | 23 | 7 5 | 22 | 8 5 | 20 | 8 5 | 20 | 8 5 | 20 | 10 5 | 20 | 9 5 | 25 | 10 5 | 22 | 9 5 | 22 | 6 5 | 17 | 8 |
| 27 | 18 | 9 5 | 18 | 10 5 | 18 | 8 5 | 18 | 7 5 | 18 | 6 5 | 18 | 6 5 | 18 | 5 5 | 18 | 6 5 | 18 | 12 | 19 | 9 5 | 18 | 10 5 | 18 | 10 5 | 19 | 9 |
| 28 | 16 | 7 5 | 14 | 4 | 15 | 8 5 | 16 | 11 | 16 | 12 | 16 | 10 5 | 16 | 14 | 15 | 15 | 15 | 15 | 15 | 14 | 15 | 20 | 14 | 19 | 14 | 24 |
| 29 | 14 | 16 | 14 | 13 | 14 | 17 | 18 | 7 5 | 16 | 6 5 | 12 | 4 | 15 | 15 | 15 | 22 | 17 | 16 | 17 | 17 | 16 | 22 | 18 | 20 | 16 | 24 |
| 30 | 18 | 16 | 18 | 10 5 | 16 | 14 | 16 | 12 | 16 | 13 | 16 | 16 | 16 | 13 | 16 | 18 | 18 | 17 | 17 | 20 | 16 | 22 | 16 | 23 | 15 | 20 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

CAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | - | - | - | - | .060 | - | - | - | - | - | - | - | .020 | - | - | - | - | - | - | - | - | - | - | - |
| 2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .005 | .045 | - | .090 | .105 | .015 | - | .060 | .035 | .025 |
| 5 | - | - | - | - | - | - | .010 | .030 | - | - | - | - | - | - | - | - | - | .005 | .005 | - | - | - | - | - |
| 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 8 | - | .010 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 9 | - | - | - | - | .030 | .020 | .050 | .015 | - | - | .025 | .025 | - | .020 | - | - | - | - | - | - | - | - | - | - |
| 10 | - | - | - | - | - | - | - | - | - | - | - | - | .110 | .005 | - | - | - | - | - | - | - | .005 | - | - |
| 11 | - | - | - | - | - | - | - | .005 | - | - | - | - | - | - | - | .020 | - | - | - | .015 | - | - | - | - |
| 12 | - | - | .015 | - | .010 | .010 | .050 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 13 | - | - | - | .005 | - | - | - | - | .005 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 14 | - | - | - | - | - | - | - | - | - | - | - | - | .050 | .035 | .005 | .010 | .050 | .025 | - | - | - | - | - | - |
| 15 | - | - | - | .005 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 18 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .010 | - | - | .050 | .020 | - | - | - | - | - |
| 19 | - | - | .010 | - | - | .020 | .005 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 20 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | - | - | - | - | - | - | - | - | - | - | .050 | .010 | .020 | .015 | .010 | .050 | .065 | .100 | .130 | .090 | - | - | .010 | - |
| 22 | - | - | - | - | .005 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 23 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 24 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .020 | .070 | .055 | .010 | .005 | - | - | - | - |
| 26 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 27 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 28 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 29 | - | - | - | - | .005 | .005 | - | - | - | - | - | - | - | - | - | - | .010 | .125 | .085 | .020 | - | - | - | - |
| 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 20 | | 19 | 36 | 18 | 27 | 18 | 27 | 19 | 19 | 16 | 8 5 | 20 | 6 5 | 16 | 10·5 | 18 | 8·5 | 18 | 13 | 15 | 15 | 1 |
| 23 | | 16 | 22 | 16 | 18 | 19 | 17 | 16 | 23 | 18 | 20 | 19 | 12 | 18 | 9 5 | 18 | 10·5 | 16 | 12 | 17 | 12 | 2 |
| 23 | | 19 | 22 | 19 | 21 | 18 | 18 | 18 | 13 | 17 | 9·5 | 18 | 7·5 | 18 | 10 5 | 19 | 9·5 | 19 | 8·5 | 19 | 7·5 | 3 |
| 22 | | 24 | 18 | 27 | 20 | 25 | 14 | 26 | 14 | 25 | 17 | 26 | 15 | 26 | 16 | 26 | 17 | 26 | 18 | 24 | 14 | 4 |
| 25 | | 27 | 27 | 26 | 20 | 26 | 29 | 27 | 14 | 27 | 9·5 | 25 | 5 5 | 24 | 9 5 | 25 | 12 | 25 | 9·5 | 25 | 6 5 | 5 |
| 18 | 5 | 13 | 4·5 | 13 | 4·5 | 13 | 5 5 | 13 | 5 5 | 13 | 5 5 | 13 | 5 5 | 13 | 4 5 | 13 | 4·5 | 13 | 5 5 | 13 | 4 5 | 6 |
| 18 | | 13 | 18 | 13 | 14 | 13 | 13 | 13 | 7·5 | 13 | 4·5 | 14 | 4 5 | 14 | 5 5 | 14 | 4 5 | 14 | 4 | 14 | 5 5 | 7 |
| 12 | | 12 | 8 5 | 14 | 14 | 16 | 8·5 | 15 | 8·5 | 15 | 12 | 15 | 12 | 15 | 10 5 | 15 | 7·5 | 15 | 13 | 14 | 16 | 8 |
| 15 | 5 | 15 | 8 5 | 6 | 8 5 | 16 | 7·5 | 16 | 8·5 | 16 | 7·5 | 18 | 6·5 | 18 | 7 5 | 18 | 9 5 | 18 | 9·5 | 18 | 9 5 | 9 |
| 19 | | 15 | 12 | 14 | 11 | 16 | 12 | 14 | 11 | 18 | 6 5 | 19 | 11 | 25 | 14 | 23 | 13 | 23 | 13 | 23 | 16 | 10 |
| 10 | 5 | 16 | 4 5 | 15 | 13 | 15 | 7 5 | 15 | 4·5 | 16 | 4 | 16 | 3 | 16 | 4 | 15 | 6·5 | 27 | 4·5 | 29 | 10 5 | 11 |
| 17 | | 28 | 19 | 30 | 17 | 29 | 13 | 28 | 15 | 29 | 17 | 28 | 15 | 28 | 17 | 27 | 13 | 27 | 12 | 27 | 13 | 12 |
| 9 | 5 | 28 | 4 5 | 10 | 8 5 | 15 | 11 | 15 | 10·5 | 16 | 9·5 | 17 | 5 5 | 17 | 5 5 | 18 | 9 5 | 18 | 8 5 | 18 | 11 | 13 |
| 24 | | 17 | 18 | 18 | 3 | 18 | 31 | 18 | 23 | 18 | 24 | 17 | 18 | 16 | 25 | 17 | 24 | 17 | 33 | 19 | 30 | 14 |
| 18 | | 22 | 17 | 25 | 15 | 24 | 19 | 25 | 13 | 24 | 7 5 | 23 | 7 5 | 23 | 10 | 22 | 7·5 | 22 | 11 | 23 | 8 5 | 15 |
| 10 | 5 | 11 | 4·5 | 10 | 7 5 | 12 | 8 5 | 15 | 5 5 | 15 | 7·5 | 15 | 4 | 15 | 0 5 | 15 | 4 | 15 | 4 | 10 | 0 5 | 16 |
| 9 | 5 | 17 | 12 | 17 | 17 | 18 | 15 | 18 | 13 | 20 | 12 | 15 | 13 | 15 | 13 | 18 | 19 | 18 | 18 | 19 | 24 | 17 |
| 20 | | 25 | 17 | 25 | 11 | 28 | 8 5 | 25 | 7 5 | 23 | 7·5 | 23 | 8 5 | 23 | 5 5 | 22 | 8·5 | 22 | 8·5 | 22 | 7·5 | 18 |
| 15 | | 19 | 14 | 18 | 21 | 19 | 17 | 19 | 20 | 17 | 18 | 16 | 20 | 17 | 16 | 15 | 25 | 15 | 21 | 17 | 12 | 19 |
| 18 | | 18 | 15 | 16 | 15 | 16 | 14 | 16 | 11 | 17 | 5·5 | 16 | 9·5 | 18 | 11 | 16 | 20 | 16 | 17 | 16 | 13 | 20 |
| 10 | 5 | 11 | 9·5 | 9 | 13 | 10 | 12 | 10 | 14 | 8 | 15 | 10 | 19 | 11 | 24 | 12 | 23 | 12 | 24 | 13 | 14 | 21 |
| 21 | | 12 | 24 | 14 | 18 | 12 | 20 | 14 | 19 | 14 | 21 | 15 | 21 | 14 | 21 | 16 | 18 | 15 | 17 | 15 | 15 | 22 |
| 23 | | 15 | 17 | 15 | 23 | 16 | 15 | 16 | 10 5 | 15 | 15 | 18 | 7 5 | 18 | 6·5 | 20 | 8·5 | 9 | 6 5 | 18 | 5 | 23 |
| 4 | | 20 | 8·5 | 20 | 9 5 | 20 | 6·5 | 20 | 6 5 | 19 | 7·5 | 17 | 5·5 | 19 | 6 5 | 19 | 7·5 | 19 | 5·5 | 18 | 0·5 | 24 |
| 14 | | 17 | 8 5 | 19 | 8 5 | 21 | 6·5 | 21 | 4 5 | 21 | 1 5 | 21 | 3 | 21 | 3 | 23 | 0 5 | 23 | 12 | 23 | 2·5 | 25 |
| 8 | 5 | 16 | 9·5 | 15 | 10 5 | 15 | 7 5 | 17 | 8·5 | 17 | 4·5 | 17 | 4 5 | 17 | 4 5 | 17 | 5 5 | 17 | 5 5 | 17 | 6·5 | 26 |
| 10 | 5 | 18 | 10 5 | 16 | 5 | 18 | 5 | 16 | 9·5 | 16 | 11 | 18 | 8·5 | 18 | 10 5 | 16 | 6 5 | 7 | 8·5 | 17 | 8·5 | 27 |
| 19 | | 15 | 23 | 15 | 17 | 5 | 18 | 15 | 20 | 15 | 15 | 15 | 19 | 15 | 16 | 5 | 14 | 5 | 15 | 15 | 19 | 28 |
| 23 | | 15 | 13 | 15 | 12 | 15 | 15 | 14 | 24 | 16 | 19 | 16 | 24 | 17 | 25 | 19 | 22 | 18 | 25 | 18 | 2 | 29 |
| 23 | | 15 | 19 | 16 | 15 | 18 | 19 | 16 | 10·5 | 16 | 5 5 | 16 | 12 | 19 | 14 | 16 | 10 5 | 16 | 6 5 | 16 | 5·5 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | 31 |


Meteorological Office,
116 Victoria Street, Westminster, S.W.
ROBERT H. SCOTT, Director.

# FALMOUTH OBSERVATORY LAT. 50° 9' N LONG. 5° 4' W.

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.393 | 29.373 | 29.353 | 29.327 | 29.301 | 29.299 | 29.324 | 29.367 | 29.417 | 29.449 | 29.477 | 29.495 | 29.5 |
| 2 | .534 | .543 | .553 | .563 | .586 | .587 | .603 | .613 | .633 | .645 | .655 | .665 | .6 |
| 3 | .715 | .701 | .679 | .671 | .653 | .640 | .635 | .633 | .627 | .600 | .574 | .550 | .5 |
| 4 | .740 | .750 | .757 | .762 | .769 | .788 | .800 | .814 | .814 | .824 | .821 | .831 | .8 |
| 5 | .868 | .861 | .861 | .863 | .869 | .877 | .895 | .898 | .913 | .911 | .907 | .921 | .9 |
| 6 | .813 | .793 | .797 | .755 | .734 | .731 | .723 | .709 | .719 | .727 | .736 | .748 | .7 |
| 7 | .834 | .834 | .834 | .826 | .824 | .830 | .804 | .840 | .848 | .848 | .846 | .838 | .8 |
| 8 | .801 | .796 | .786 | .762 | .778 | .784 | .791 | .786 | .786 | .782 | .773 | .755 | .7 |
| 9 | .482 | .444 | .395 | .359 | .335 | .327 | .347 | .359 | .362 | .359 | .353 | .355 | .3 |
| 10 | .355 | .366 | .381 | .398 | .416 | .429 | .461 | .483 | .506 | .528 | .543 | .563 | .5 |
| 11 | .639 | .631 | .599 | .571 | .531 | .467 | .421 | .399 | .405 | .427 | .443 | .466 | .4 |
| 12 | .464 | .468 | .482 | .497 | .502 | .516 | .530 | .542 | 29.552 | 29.567 | 29.584 | 29.584 | 29.5 |
| 13 | 29.882 | 29.834 | 29.904 | 29.914 | 29.924 | 29.959 | 29.966 | 29.994 | 30.001 | 30.028 | 30.036 | 30.042 | 30.0 |
| 14 | 30.122 | 30.122 | 30.114 | 30.111 | 30.109 | 30.122 | 30.140 | 30.146 | 30.146 | 30.149 | 30.138 | 30.138 | 30.1 |
| 15 | 30.040 | 30.018 | 29.996 | 29.990 | 29.986 | 29.982 | 29.974 | 29.974 | 29.962 | 29.962 | 29.963 | 29.958 | 29.9 |
| 16 | 29.873 | 29.854 | .846 | .824 | .816 | .812 | .812 | .808 | .798 | .786 | .781 | .767 | .7 |
| 17 | .035 | .689 | .694 | .699 | .711 | .729 | .753 | .764 | .769 | .776 | .784 | .792 | .7 |
| 18 | .794 | .782 | .778 | .776 | .778 | .789 | .804 | .820 | .830 | .839 | .848 | .848 | .8 |
| 19 | .868 | .866 | .855 | .850 | .846 | .850 | .850 | .854 | .852 | .850 | .841 | .834 | .8 |
| 20 | .706 | .690 | .674 | .654 | .636 | .636 | .628 | .628 | .622 | .624 | .625 | .609 | .5 |
| 21 | .404 | .376 | .355 | .331 | .321 | .313 | .291 | .283 | .293 | .296 | .296 | .299 | .3 |
| 22 | .275 | .281 | .303 | .321 | .349 | .375 | .406 | .443 | .477 | .511 | .529 | .546 | .56 |
| 23 | .704 | .697 | .691 | .685 | .683 | .683 | .687 | .697 | .701 | .699 | .697 | .693 | .6 |
| 24 | 29.842 | 29.847 | 29.845 | 29.861 | 29.867 | 29.866 | 29.907 | 29.937 | 29.965 | 29.977 | 29.990 | 29.982 | 29.9 |
| 25 | 30.038 | 30.028 | 30.020 | 30.022 | 30.020 | 30.026 | 30.040 | 30.043 | 30.053 | 30.055 | 30.056 | 30.048 | 30.0 |
| 26 | 29.994 | 29.986 | 29.972 | 29.962 | 29.958 | 29.950 | 29.956 | 29.958 | 29.954 | 29.948 | 29.946 | 29.937 | 29.9 |
| 27 | .804 | .782 | .760 | .754 | .752 | .744 | .724 | .734 | .760 | .756 | .750 | .748 | .7 |
| 28 | .816 | .640 | .615 | .600 | .578 | .572 | .558 | .544 | .538 | .532 | .528 | .518 | .5 |
| 29 | .404 | .412 | .412 | .412 | .412 | .407 | .398 | .388 | .390 | .374 | .366 | .410 | .4 |
| 30 | 29.524 | 29.524 | 29.518 | 29.598 | 29.526 | 29.526 | 29.536 | 29.546 | 29.558 | 29.564 | 29.562 | 29.547 | 29.5 |
| 31 | | | | | | | | | | | | | |

## DRY BULB THERMOMETER 11 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 62.6 | 62.3 | 61.7 | 61.5 | 61.3 | 61.1 | 62.3 | 61.5 | 61.7 | 62.1 | 62.6 | 63.7 | 64.2 | 64.2 | 64.1 | 63.1 | 62.5 | 61.4 | 60.0 | 59.3 | 58.6 | 58.4 | 58.5 | 58.6 |
| 2 | 58.9 | 58.7 | 58.0 | 56.4 | 56.3 | 56.5 | 58.5 | 60.2 | 62.0 | 63.2 | 64.0 | 64.8 | 66.0 | 66.2 | 66.4 | 62.5 | 62.2 | 60.9 | 59.2 | 58.0 | 57.1 | 57.5 | 57.1 | 57.0 |
| 3 | 57.4 | 57.8 | 58.5 | 58.6 | 57.0 | 56.4 | 56.0 | 56.1 | 56.4 | 56.6 | 55.9 | 55.7 | 55.0 | 54.4 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 55.0 | 55.6 | 55.7 | 56.4 | 56.0 |
| 4 | 54.6 | 54.0 | 53.0 | 53.4 | 52.4 | 53.0 | 53.0 | 55.2 | 56.0 | 58.2 | 59.7 | 57.6 | 57.0 | 54.8 | 58.4 | 58.3 | 57.0 | 56.3 | 56.4 | 55.6 | 53.7 | 53.8 | 53.7 | 52.8 |
| 5 | 53.2 | 52.5 | 52.4 | 52.3 | 52.2 | 51.7 | 53.4 | 56.5 | 59.0 | 58.2 | 60.2 | 58.3 | 59.7 | 58.7 | 60.0 | 59.2 | 59.9 | 59.0 | 56.1 | 55.7 | 55.3 | 55.6 | 55.1 | 55.5 |
| 6 | 53.3 | 53.3 | 55.4 | 56.0 | 56.4 | 55.5 | 56.0 | 56.8 | 56.2 | 60.0 | 61.4 | 61.6 | 62.0 | 62.0 | 63.0 | 60.3 | 59.7 | 59.2 | 57.2 | 55.7 | 58.2 | 56.1 | 56.8 | 56.7 |
| 7 | 56.2 | 56.2 | 56.1 | 55.5 | 56.3 | 56.6 | 58.0 | 59.0 | 60.0 | 59.9 | 62.1 | 64.6 | 63.6 | 62.9 | 61.5 | 60.9 | 59.4 | 58.3 | 58.0 | 58.0 | 58.0 | 58.1 | 58.4 | 58.5 |
| 8 | 58.0 | 56.2 | 56.0 | 57.6 | 59.0 | 58.9 | 57.1 | 58.3 | 60.0 | 59.7 | 60.5 | 62.5 | 60.8 | 62.5 | 62.1 | 61.5 | 60.2 | 58.8 | 58.1 | 57.9 | 57.6 | 58.2 | 57.8 | 57.8 |
| 9 | 58.2 | 58.6 | 58.8 | 58.4 | 58.6 | 58.0 | 58.0 | 53.7 | 57.0 | 59.1 | 58.3 | 60.0 | 59.1 | 56.7 | 59.0 | 58.6 | 58.6 | 55.6 | 54.5 | 55.8 | 53.2 | 52.7 | 51.2 | 49.8 |
| 10 | 50.1 | 50.0 | 50.5 | 50.5 | 51.0 | 51.2 | 53.0 | 54.8 | 55.5 | 56.3 | 58.6 | 58.1 | 59.3 | 59.2 | 58.0 | 56.0 | 56.0 | 54.7 | 55.3 | 54.3 | 55.2 | 55.1 | 54.4 | 55.0 |
| 11 | 55.0 | 54.0 | 54.0 | 53.3 | 53.0 | 54.0 | 56.0 | 59.0 | 61.1 | 61.5 | 62.6 | 62.7 | 62.0 | 61.9 | 61.2 | 60.7 | 61.0 | 61.0 | 60.9 | 60.2 | 60.8 | 60.6 | 60.7 | 60.5 |
| 12 | 60.5 | 60.7 | 59.5 | 56.1 | 57.3 | 57.3 | 57.7 | 58.0 | 59.5 | 60.7 | 59.0 | 59.0 | 61.0 | 59.8 | 59.6 | 58.7 | 58.2 | 57.0 | 55.7 | 54.8 | 53.9 | 53.7 | 53.2 | 53.0 |
| 13 | 52.0 | 52.3 | 53.5 | 53.0 | 52.0 | 51.4 | 52.2 | 55.6 | 58.2 | 58.8 | 58.8 | 59.8 | 61.2 | 60.5 | 60.5 | 60.5 | 59.0 | 57.5 | 55.0 | 53.5 | 53.0 | 53.0 | 52.6 | 52.7 |
| 14 | 52.3 | 52.2 | 51.0 | 50.3 | 50.0 | 50.5 | 51.0 | 53.5 | 56.0 | 57.9 | 59.5 | 59.7 | 60.6 | 60.2 | 61.9 | 61.0 | 59.4 | 58.1 | 58.2 | 53.9 | 53.9 | 53.4 | 52.5 | 53.0 |
| 15 | 54.6 | 56.0 | 53.6 | 52.5 | 53.5 | 53.4 | 58.0 | 56.9 | 60.8 | 62.0 | 63.5 | 63.7 | 64.6 | 63.5 | 62.2 | 62.0 | 61.2 | 59.4 | 59.2 | 59.0 | 59.0 | 58.7 | 57.5 | 57.0 |
| 16 | 57.8 | 58.0 | 58.0 | 57.9 | 57.8 | 57.6 | 57.7 | 58.0 | 58.6 | 58.7 | 58.9 | 58.8 | 58.7 | 59.4 | 59.3 | 59.8 | 59.7 | 57.6 | 58.0 | 58.0 | 57.8 | 57.1 | 56.0 | 55.2 |
| 17 | 54.7 | 54.0 | 53.9 | 53.4 | 53.3 | 53.6 | 53.6 | 54.0 | 54.0 | 54.8 | 56.0 | 56.8 | 57.9 | 56.0 | 54.2 | 53.4 | 52.0 | 51.6 | 52.1 | 52.0 | 53.6 | 50.7 | | |
| 18 | 53.3 | 53.9 | 54.9 | 54.7 | 55.0 | 55.0 | 56.0 | 57.2 | 58.8 | 58.8 | 59.7 | 59.8 | 60.7 | 60.5 | 60.0 | 59.1 | 58.1 | 57.2 | 56.0 | 54.9 | 54.4 | 53.3 | 53.4 | 54.7 |
| 19 | 55.5 | 55.8 | 56.0 | 56.4 | 56.3 | 56.0 | 56.3 | 57.4 | 59.4 | 60.4 | 61.3 | 61.1 | 62.1 | 62.2 | 62.0 | 61.1 | 59.5 | 58.8 | 58.1 | 57.9 | 57.1 | 57.0 | 57.4 | 57.1 |
| 20 | 57.1 | 57.0 | 56.7 | 56.6 | 57.0 | 54.3 | 56.0 | 57.1 | 59.4 | 60.3 | 61.1 | 60.9 | 60.7 | 60.3 | 60.0 | 58.6 | 58.0 | 57.0 | 56.9 | 57.3 | 56.8 | 57.2 | 57.4 | |
| 21 | 57.9 | 57.5 | 58.5 | 58.1 | 58.0 | 57.7 | 57.7 | 59.0 | 58.2 | 58.1 | 56.9 | 58.0 | 59.0 | 60.0 | 60.0 | 58.8 | 57.6 | 56.8 | 56.3 | 55.4 | 55.7 | 55.5 | 57.0 | 57.0 |
| 22 | 56.9 | 57.0 | 57.0 | 56.9 | 55.2 | 55.9 | 56.7 | 57.6 | 59.0 | 59.6 | 60.0 | 61.5 | 60.9 | 61.5 | 58.0 | 59.2 | 59.0 | 57.2 | 56.2 | 56.0 | 56.0 | 56.0 | 55.7 | 54.9 |
| 23 | 53.9 | 54.0 | 52.9 | 54.0 | 54.2 | 53.8 | 54.1 | 55.7 | 56.7 | 61.2 | 61.7 | 61.6 | 62.5 | 62.8 | 61.4 | 61.1 | 61.0 | 60.1 | 60.0 | 59.5 | 59.0 | 58.7 | 58.0 | 57.5 |
| 24 | 57.4 | 57.5 | 57.1 | 56.0 | 56.0 | 56.0 | 56.6 | 56.6 | 57.5 | 58.7 | 59.2 | 60.6 | 62.4 | 61.0 | 60.5 | 60.0 | 59.6 | 59.0 | 58.6 | 58.2 | 58.0 | 58.0 | 57.9 | 57.8 |
| 25 | 57.8 | 57.0 | 56.8 | 56.5 | 56.6 | 57.4 | 58.3 | 60.6 | 61.8 | 62.2 | 63.5 | 64.9 | 64.8 | 64.0 | 63.8 | 62.7 | 62.0 | 61.5 | 60.6 | 60.4 | 59.8 | 59.5 | 59.7 | 59.0 |
| 26 | 58.2 | 58.7 | 59.2 | 59.1 | 59.0 | 59.2 | 59.8 | 60.4 | 62.0 | 62.1 | 63.0 | 63.7 | 64.0 | 63.2 | 63.1 | 62.1 | 62.6 | 61.6 | 61.0 | 60.9 | 60.2 | 60.3 | 60.0 | 59.5 |
| 27 | 59.2 | 59.5 | 59.5 | 59.0 | 59.0 | 59.0 | 58.8 | 59.7 | 62.0 | 63.0 | 64.0 | 64.1 | 63.2 | 63.4 | 63.7 | 63.5 | 61.3 | 59.6 | 58.6 | 57.6 | 57.9 | 58.0 | 58.1 | |
| 28 | 58.6 | 58.7 | 59.0 | 58.8 | 58.6 | 58.9 | 59.0 | 59.7 | 60.6 | 61.0 | 60.0 | 60.9 | 61.5 | 61.0 | 60.5 | 60.5 | 59.7 | 59.0 | 59.8 | 58.3 | 58.7 | 58.2 | 57.5 | 57.8 |
| 29 | 55.2 | 55.8 | 54.9 | 54.8 | 54.3 | 54.4 | 55.8 | 57.1 | 58.0 | 57.0 | 56.7 | 56.0 | 56.8 | 56.0 | 55.8 | 55.0 | 54.2 | 53.2 | 53.0 | 53.1 | 52.1 | 52.4 | 51.7 | |
| 30 | 53.0 | 51.4 | 51.3 | 51.0 | 49.6 | 49.0 | 49.3 | 51.5 | 55.5 | 56.6 | 57.0 | 57.5 | 58.1 | 57.6 | 57.2 | 56.3 | 56.0 | 56.0 | 56.0 | 54.4 | 53.0 | 51.4 | 50.6 | 50.5 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September 1874*

CISTERN 2.11 FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| .508 | 29.517 | 29.525 | 29.523 | 29.529 | 29.529 | 29.538 | 29.543 | 29.547 | 29.541 | 29.537 | 1 |
| .690 | .690 | .691 | .699 | .707 | .719 | .739 | .743 | .739 | .739 | .728 | 2 |
| .454 | .458 | .486 | .488 | .518 | .560 | .612 | .636 | .672 | .702 | .722 | 3 |
| .813 | .797 | .793 | .791 | .793 | .806 | .829 | .839 | .851 | .861 | .863 | 4 |
| .901 | .889 | .885 | .873 | .863 | .869 | .867 | .863 | .849 | .843 | .831 | 5 |
| .756 | .762 | .768 | .776 | .796 | .798 | .831 | .836 | .838 | .841 | .844 | 6 |
| .826 | .814 | .806 | .796 | .804 | .808 | .810 | .804 | .810 | .808 | .804 | 7 |
| .733 | .717 | .697 | .675 | .657 | .645 | .633 | .611 | .581 | .554 | .531 | 8 |
| .365 | .355 | .343 | .381 | .331 | .333 | .336 | .337 | .337 | .345 | .353 | 9 |
| .575 | .586 | .601 | .599 | .605 | .624 | .631 | .643 | .647 | .647 | .643 | 10 |
| .476 | .465 | .462 | .454 | .456 | .454 | .462 | .454 | .458 | .458 | .464 | 11 |
| 29.598 | 29.614 | 29.638 | 29.670 | 29.704 | 29.734 | 29.774 | 29.809 | 29.837 | 29.854 | 29.872 | 12 |
| 30.051 | 30.062 | 30.071 | 30.076 | 30.094 | 30.106 | 30.122 | 30.122 | 30.119 | 30.122 | 30.122 | 13 |
| 30.125 | 30.115 | 30.104 | 30.096 | 30.092 | 30.086 | 30.086 | 30.076 | 30.064 | 30.052 | 30.052 | 14 |
| 29.942 | 29.938 | 29.924 | 29.916 | 29.916 | 29.916 | 29.914 | 29.906 | 29.898 | 29.894 | 29.881 | 15 |
| .739 | .717 | .707 | .704 | .704 | .693 | .689 | .702 | .706 | .704 | .707 | 16 |
| .800 | .797 | .804 | .804 | .810 | .810 | .812 | .814 | .808 | .806 | .800 | 17 |
| .848 | .850 | .850 | .854 | .855 | .862 | .870 | .884 | .884 | .876 | .870 | 18 |
| .810 | .800 | .790 | .780 | .766 | .766 | .766 | .761 | .744 | .731 | .720 | 19 |
| .581 | .569 | .545 | .537 | .521 | .516 | .515 | .489 | .467 | .451 | .421 | 20 |
| .308 | .308 | .309 | .303 | .309 | .303 | .301 | .289 | .276 | .273 | .273 | 21 |
| .574 | .594 | .601 | .614 | .639 | .663 | .671 | .693 | .704 | .709 | .714 | 22 |
| .701 | .707 | .714 | 29.712 | 29.729 | 29.734 | 29.771 | 29.782 | 29.809 | 29.817 | 29.822 | 23 |
| 29.982 | 29.982 | 29.992 | 30.003 | 30.003 | 30.013 | 30.024 | 30.033 | 30.042 | 30.036 | 30.034 | 24 |
| .028 | 30.018 | 30.008 | 30.008 | 30.014 | 30.020 | 30.021 | 30.026 | 30.022 | 30.013 | 30.001 | 25 |
| 29.908 | 29.894 | 29.872 | 29.870 | 29.866 | 29.864 | 29.856 | 29.847 | 29.838 | 29.820 | 29.810 | 26 |
| .734 | .728 | .714 | .712 | .704 | .710 | .720 | .710 | .704 | .688 | .676 | 27 |
| .484 | .478 | .464 | .456 | .434 | .404 | .387 | .362 | .338 | .360 | .386 | 28 |
| .448 | .473 | .486 | .498 | .506 | .521 | .530 | .536 | .538 | .538 | .534 | 29 |
| 29.519 | 29.497 | 29.479 | 29.472 | 29.442 | 29.412 | 29.383 | 29.357 | 29.315 | 29.265 | 29.222 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER *11 FEET ABOVE GROUND*

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | N | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61.4 | 60.9 | 60.6 | 60.4 | 60.3 | 61.3 | 60.0 | 59.0 | 57.5 | 56.0 | 51.7 | 58.4 | 57.4 | 57.6 | 56.9 | 57.4 | 56.6 | 56.6 | 56.3 | 56.0 | 56.2 | 56.1 | 55.9 | 1 |
| 53.6 | 54.1 | 54.5 | 54.5 | 54.8 | 55.5 | 56.4 | 57.4 | 58.3 | 59.0 | 59.1 | 55.0 | 55.3 | 56.2 | 58.1 | 58.3 | 57.0 | 56.6 | 56.0 | 56.1 | 55.9 | 55.6 | 55.6 | 2 |
| 56.8 | 57.6 | 55.2 | 56.0 | 56.7 | 55.0 | 55.2 | 55.7 | 56.0 | 54.3 | 54.0 | 54.3 | 53.7 | 53.3 | 53.4 | 53.0 | 53.0 | 53.7 | 53.5 | 54.0 | 54.9 | 54.7 | 54.2 | 3 |
| 51.6 | 51.0 | 50.2 | 50.9 | 50.9 | 51.0 | 50.6 | 53.3 | 53.4 | 55.0 | 53.0 | 53.7 | 52.7 | 54.1 | 53.7 | 54.3 | 53.6 | 52.5 | 50.8 | 51.5 | 51.5 | 51.1 | 50.6 | 4 |
| 50.2 | 50.1 | 50.3 | 50.0 | 50.0 | 51.4 | 53.2 | 55.0 | 53.7 | 54.2 | 53.3 | 54.2 | 52.6 | 53.2 | 52.8 | 52.4 | 52.1 | 52.9 | 53.0 | 52.9 | 52.8 | 52.7 | 52.6 | 5 |
| 54.0 | 54.3 | 54.8 | 55.2 | 54.7 | 56.4 | 56.3 | 57.2 | 57.2 | 57.6 | 57.7 | 58.0 | 57.0 | 57.1 | 56.3 | 56.0 | 55.6 | 55.0 | 53.5 | 53.3 | 54.2 | 54.8 | 54.2 | 6 |
| 54.1 | 54.5 | 54.7 | 55.3 | 55.6 | 54.0 | 54.7 | 56.0 | 58.5 | 59.9 | 60.4 | 59.1 | 59.1 | 58.9 | 59.0 | 58.0 | 57.1 | 56.9 | 57.0 | 57.3 | 57.5 | 57.7 | 57.9 | 7 |
| 55.2 | 55.0 | 55.5 | 55.4 | 55.9 | 56.0 | 56.6 | 57.5 | 57.0 | 57.2 | 57.0 | 57.2 | 57.1 | 56.5 | 57.0 | 56.2 | 56.9 | 56.2 | 56.9 | 56.3 | 54.0 | 56.8 | 56.8 | 8 |
| 57.5 | 57.6 | 57.2 | 55.0 | 54.8 | 53.4 | 51.0 | 54.0 | 54.1 | 53.6 | 53.3 | 54.0 | 52.5 | 54.0 | 52.9 | 51.0 | 51.0 | 50.1 | 49.9 | 48.6 | 49.6 | 48.2 | 47.5 | 9 |
| 47.3 | 47.7 | 47.7 | 48.2 | 48.9 | 50.0 | 51.0 | 51.0 | 51.1 | 51.9 | 50.9 | 52.2 | 53.5 | 54.2 | 53.2 | 52.6 | 51.3 | 52.3 | 51.5 | 52.5 | 52.0 | 51.6 | 52.2 | 10 |
| 53.0 | 52.9 | 52.5 | 52.0 | 53.4 | 56.1 | 59.1 | 60.6 | 60.9 | 61.5 | 62.0 | 61.4 | 61.2 | 60.9 | 60.1 | 60.0 | 59.8 | 59.7 | 60.0 | 60.1 | 60.1 | 60.2 | 60.1 | 11 |
| 60.1 | 58.6 | 56.9 | 56.2 | 56.0 | 56.4 | 56.4 | 57.0 | 57.5 | 57.2 | 57.4 | 56.5 | 57.4 | 56.9 | 55.0 | 53.9 | 53.2 | 52.2 | 51.9 | 51.6 | 51.6 | 51.5 | 51.1 | 12 |
| 50.9 | 51.9 | 51.4 | 50.4 | 49.7 | 50.4 | 53.2 | 54.1 | 53.6 | 53.0 | 53.3 | 55.2 | 54.1 | 54.6 | 54.1 | 54.0 | 53.2 | 52.6 | 51.3 | 51.0 | 50.6 | 50.1 | 50.5 | 13 |
| 50.2 | 49.7 | 49.0 | 49.0 | 49.0 | 49.5 | 51.9 | 54.4 | 55.9 | 56.9 | 57.0 | 56.6 | 56.9 | 55.8 | 55.6 | 54.5 | 54.2 | 53.0 | 52.1 | 51.8 | 51.0 | 50.2 | 50.5 | 14 |
| 52.1 | 51.9 | 52.1 | 52.5 | 53.0 | 54.0 | 56.4 | 57.8 | 57.5 | 59.0 | 58.3 | 59.0 | 58.3 | 58.9 | 58.6 | 58.0 | 57.4 | 57.4 | 57.0 | 57.4 | 57.2 | 56.8 | 56.1 | 15 |
| 56.7 | 57.0 | 57.1 | 57.1 | 57.0 | 57.0 | 57.2 | 58.0 | 58.0 | 58.4 | 58.1 | 58.3 | 58.6 | 58.6 | 59.0 | 58.9 | 58.6 | 57.4 | 57.0 | 57.0 | 56.4 | 55.6 | 56.3 | 16 |
| 50.4 | 49.8 | 49.2 | 49.4 | 49.7 | 50.3 | 50.3 | 50.7 | 50.0 | 50.6 | 50.6 | 52.1 | 50.0 | 50.0 | 49.0 | 48.8 | 49.0 | 48.2 | 48.1 | 48.6 | 49.6 | 51.2 | 51.5 | 17 |
| 52.4 | 52.9 | 52.8 | 53.7 | 54.0 | 54.8 | 55.2 | 56.0 | 53.8 | 54.3 | 54.5 | 54.3 | 54.5 | 54.4 | 53.2 | 53.0 | 52.2 | 52.0 | 51.8 | 52.3 | 52.0 | 52.2 | 53.6 | 18 |
| 55.1 | 56.2 | 55.2 | 55.0 | 55.8 | 56.0 | 56.6 | 56.2 | 54.4 | 55.2 | 56.0 | 55.5 | 55.2 | 56.3 | 56.4 | 54.0 | 56.0 | 54.6 | 56.2 | 55.9 | 56.2 | 56.0 | 56.0 | 19 |
| 55.0 | 55.1 | 54.9 | 55.7 | 53.2 | 54.0 | 55.0 | 55.4 | 56.7 | 56.4 | 56.6 | 57.0 | 56.1 | 56.4 | 56.0 | 56.9 | 55.1 | 54.9 | 54.9 | 55.2 | 55.0 | 56.0 | 56.2 | 20 |
| 56.7 | 57.9 | 57.6 | 57.0 | 57.0 | 57.0 | 58.2 | 58.4 | 56.0 | 54.8 | 58.9 | 54.4 | 53.1 | 53.0 | 52.3 | 53.4 | 50.9 | 51.5 | 52.0 | 51.5 | 51.2 | 52.0 | 51.7 | 21 |
| 52.0 | 51.7 | 52.0 | 51.3 | 51.5 | 51.7 | 52.0 | 53.4 | 53.5 | 54.0 | 55.0 | 54.4 | 54.6 | 54.4 | 54.1 | 54.6 | 54.3 | 53.9 | 53.7 | 54.7 | 54.6 | 54.6 | 53.6 | 22 |
| 53.2 | 52.0 | 53.2 | 53.6 | 53.0 | 53.5 | 54.7 | 56.0 | 56.1 | 57.0 | 57.9 | 59.0 | 60.0 | 59.6 | 59.5 | 59.3 | 58.6 | 58.5 | 58.0 | 57.3 | 57.4 | 57.4 | 57.0 | 23 |
| 57.3 | 56.5 | 55.5 | 55.2 | 55.4 | 56.0 | 56.1 | 57.0 | 58.1 | 59.0 | 59.4 | 59.0 | 59.1 | 58.9 | 58.7 | 58.1 | 58.0 | 57.3 | 57.4 | 57.4 | 57.3 | 57.4 | 57.2 | 24 |
| 56.7 | 56.2 | 56.2 | 56.2 | 56.0 | 56.9 | 57.5 | 59.0 | 60.0 | 60.4 | 60.6 | 61.1 | 60.9 | 61.0 | 61.1 | 59.6 | 59.1 | 58.7 | 57.9 | 57.4 | 57.4 | 57.4 | 57.0 | 25 |
| 56.6 | 57.0 | 57.1 | 57.0 | 57.0 | 57.8 | 58.0 | 59.1 | 59.0 | 60.2 | 60.9 | 61.0 | 60.4 | 60.5 | 60.0 | 59.7 | 59.0 | 58.6 | 58.0 | 57.3 | 57.6 | 57.6 | 57.8 | 26 |
| 58.0 | 58.0 | 58.0 | 58.0 | 57.8 | 58.0 | 58.3 | 60.0 | 60.6 | 61.0 | 61.3 | 61.0 | 60.9 | 61.1 | 59.9 | 59.3 | 59.0 | 58.6 | 58.1 | 57.4 | 57.6 | 57.4 | 57.3 | 27 |
| 57.7 | 58.1 | 58.0 | 58.2 | 58.0 | 58.0 | 58.0 | 59.6 | 59.0 | 59.3 | 58.8 | 58.7 | 58.4 | 58.0 | 57.9 | 57.7 | 57.6 | 57.9 | 57.6 | 57.9 | 57.9 | 56.7 | 54.1 | 28 |
| 54.2 | 53.2 | 52.5 | 52.6 | 52.1 | 53.4 | 53.9 | 55.9 | 53.9 | 53.0 | 52.4 | 53.2 | 52.9 | 51.0 | 50.1 | 49.8 | 48.7 | 48.5 | 49.0 | 48.7 | 48.6 | 48.1 | 48.6 | 29 |
| 48.2 | 48.7 | 47.9 | 47.0 | 47.0 | 49.7 | 49.1 | 51.8 | 51.3 | 52.9 | 52.3 | 53.0 | 52.0 | 52.7 | 52.3 | 52.4 | 52.3 | 52.4 | 51.8 | 51.4 | 49.2 | 48.0 | 46.2 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

Meteorological Office,
116 Victoria Street Westminster. S.W.

ROBERT H. SCOTT, Director.

# FALMOUTH OBSERVATORY LAT. 50° 9' N LONG. 5° 4' W.

## WIND

DIRECTION IN NUMBERS { 8 – E, 24 – W. 16 – S, 32 – N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 17 | 35 | 17 | 35 | 17 | 35 | 17 | 35 | 17 | 38 | 17 | 41 | 19 | 34 | 20 | 29 | 23 | 20 | 23 | 20 | 21 | 24 | 20 | 23 | 20 | 24 |
| 2 | 19 | 23 | 20 | 14 | 20 | 13 | 19 | 16 | 18 | 15 | 18 | 16 | 19 | 23 | 19 | 26 | 19 | 32 | 19 | 30 | 19 | 34 | 19 | 36 | 23 | 25 |
| 3 | 19 | 16 | 18 | 15 | 17 | 15 | 17 | 15 | 20 | 13 | 20 | 11 | 21 | 13 | 20 | 5 5 | 20 | 5 5 | 18 | 7 5 | 17 | 5 5 | 17 | 4 5 | 7 | 17 |
| 4 | 25 | 20 | 25 | 13 | 22 | 15 | 24 | 21 | 22 | 15 | 25 | 19 | 24 | 24 | 25 | 23 | 23 | 21 | 24 | 20 | 22 | 25 | 23 | 24 | 24 | 24 |
| 5 | 26 | 12 | 26 | 14 | 26 | 13 | 26 | 15 | 26 | 13 | 26 | 12 | 26 | 6 5 | 26 | 10 5 | 26 | 15 | 26 | 11 | 26 | 9 5 | 23 | 14 | 24 | 9 |
| 6 | 21 | 6 5 | 21 | 7 5 | 19 | 9 5 | 18 | 10 5 | 17 | 14 | 18 | 20 | 18 | 19 | 19 | 22 | 25 | 21 | 25 | 21 | 25 | 20 | 20 | 23 | 20 | 24 |
| 7 | 23 | 8 5 | 23 | 8 5 | 23 | 6 5 | 23 | 8 5 | 23 | 6 5 | 23 | 6 5 | 23 | 7 5 | 22 | 10 5 | 19 | 11 | 21 | 10 5 | 21 | 23 | 21 | 24 | 21 | 24 |
| 8 | 17 | 5 5 | 22 | 6 5 | 22 | 9 5 | 22 | 6 5 | 23 | 6 5 | 23 | 4 | 23 | 4 5 | 23 | 3 | 23 | 3 | 23 | 4 | 15 | 9 5 | 20 | 13 | 22 | 12 |
| 9 | 19 | 19 | 18 | 24 | 18 | 27 | 20 | 31 | 19 | 24 | 24 | 13 | 26 | 18 | 25 | 16 | 22 | 17 | 23 | 22 | 23 | 26 | 22 | 27 | 23 | 23 |
| 10 | 24 | 15 | 24 | 18 | 24 | 19 | 24 | 15 | 23 | 14 | 24 | 18 | 24 | 20 | 24 | 22 | 25 | 20 | 25 | 28 | 24 | 36 | 25 | 35 | 23 | 30 |
| 11 | 22 | 15 | 23 | 17 | 19 | 16 | 18 | 15 | 17 | 19 | 16 | 21 | 17 | 23 | 22 | 35 | 23 | 33 | 23 | 30 | 24 | 36 | 23 | 28 | 23 | 32 |
| 12 | 23 | 24 | 24 | 26 | 26 | 25 | 26 | 24 | 25 | 20 | 25 | 19 | 24 | 15 | 25 | 22 | 25 | 20 | 25 | 17 | 24 | 20 | 24 | 15 | 23 | 21 |
| 13 | 29 | 10 5 | 29 | 10 5 | 29 | 9 5 | 29 | 8 5 | 29 | 10 5 | 29 | 10 5 | 29 | 9 5 | 29 | 4 5 | 30 | 9 5 | 28 | 12 | 30 | 18 | 29 | 13 | 29 | 13 |
| 14 | 29 | 4 | 29 | 4 5 | 29 | 4 | 29 | 2 | 29 | 2 | 29 | 3 | 29 | 4 5 | 29 | 3 | 29 | 4 5 | 16 | 6 5 | 15 | 11 | 15 | 10 5 | 15 | 11 |
| 15 | 19 | 10 5 | 19 | 10 5 | 19 | 10 5 | 19 | 7 5 | 19 | 8 5 | 19 | 8 5 | 19 | 9 5 | 18 | 12 | 20 | 18 | 20 | 18 | 20 | 23 | 19 | 21 | 19 | 21 |
| 16 | 23 | 15 | 19 | 18 | 19 | 14 | 19 | 14 | 19 | 13 | 19 | 13 | 19 | 10 5 | 19 | 12 | 19 | 8 5 | 19 | 13 | 19 | 14 | 19 | 16 | 19 | 11 |
| 17 | 30 | 23 | 30 | 25 | 31 | 23 | 31 | 23 | 32 | 18 | 32 | 15 | 32 | 13 | 31 | 18 | 31 | 17 | 31 | 20 | 30 | 23 | 30 | 24 | 29 | 18 |
| 18 | 23 | 12 | 23 | 14 | 24 | 12 | 24 | 13 | 24 | 13 | 23 | 13 | 24 | 12 | 25 | 17 | 26 | 20 | 25 | 19 | 26 | 17 | 27 | 14 | 25 | 13 |
| 19 | 21 | 13 | 21 | 11 | 21 | 10 5 | 22 | 9 5 | 22 | 7 5 | 22 | 7 5 | 22 | 4 5 | 21 | 6 5 | 17 | 7 5 | 19 | 12 | 20 | 15 | 20 | 17 | 20 | 15 |
| 20 | 17 | 17 | 17 | 19 | 17 | 15 | 17 | 14 | 17 | 17 | 18 | 19 | 16 | 17 | 16 | 20 | 15 | 22 | 15 | 18 | 15 | 21 | 15 | 17 | 15 | 18 |
| 21 | 11 | 8 5 | 9 | 8 5 | 11 | 13 | 12 | 7 5 | 12 | 6 5 | 12 | 10 5 | 12 | 10 5 | 11 | 14 | 13 | 18 | 16 | 19 | 17 | 20 | 16 | 20 | 19 | 26 |
| 22 | 18 | 42 | 18 | 39 | 19 | 40 | 18 | 40 | 19 | 38 | 19 | 31 | 19 | 32 | 17 | 35 | 18 | 33 | 19 | 34 | 18 | 39 | 18 | 33 | 18 | 34 |
| 23 | 17 | 6 5 | 17 | 4 5 | 17 | 4 | 17 | 4 5 | 17 | 4 | 17 | 4 | 17 | 5 5 | 9 | 7 5 | 7 | 7 5 | 7 | 8 5 | 8 | 13 | 9 | 18 | 8 | 13 |
| 24 | 13 | 3 | 13 | 2 | 13 | 3 | 13 | 4 5 | 13 | 4 5 | 13 | 7 5 | 14 | 4 5 | 14 | 4 5 | 14 | 7 5 | 19 | 10 5 | 21 | 9 5 | 21 | 3 | 14 | 4 |
| 25 | 13 | 5 5 | 13 | 7 5 | 17 | 8 5 | 17 | 8 5 | 17 | 7 5 | 17 | 7 5 | 18 | 9 5 | 18 | 7 5 | 14 | 8 5 | 14 | 6 5 | 13 | 8 5 | 12 | 7 5 | 12 | 9 |
| 26 | 11 | 4 5 | 11 | 6 5 | 13 | 8 5 | 11 | 7 5 | 6 | 7 5 | 6 | 9 5 | 7 | 8 5 | 7 | 7 5 | 7 | 5 5 | 7 | 8 5 | 7 | 10 5 | 10 | 11 | 9 | 11 |
| 27 | 8 | 8 5 | 8 | 5 5 | 8 | 7 5 | 9 | 5 5 | 9 | 4 | 8 | 4 | 5 | 8 5 | 6 | 9 5 | 13 | 10 5 | 14 | 7 5 | 13 | 4 5 | 13 | 5 5 | 13 | 10 |
| 28 | 18 | 10 5 | 17 | 14 | 17 | 14 | 16 | 18 | 10 | 20 | 17 | 20 | 17 | 22 | 16 | 25 | 18 | 25 | 18 | 27 | 17 | 25 | 17 | 21 | 19 | 25 |
| 29 | 2 | 16 | 20 | 15 | 20 | 14 | 19 | 16 | 19 | 17 | 19 | 18 | 18 | 17 | 17 | 22 | 17 | 28 | 17 | 28 | 17 | 32 | 14 | 24 | 20 | 32 |
| 30 | 18 | 12 | 20 | 13 | 20 | 10 5 | 20 | 12 | 23 | 9 5 | 20 | 8 5 | 20 | 6 5 | 20 | 4 5 | 17 | 5 | 21 | 8 5 | 16 | 13 | 14 | 10 | 15 | 12 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. HEIGHT ABOVE MEAN SEA LEVEL 182 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ·005 | 095 | ·050 | ..... | Total to 10 am = ·480 | ..... | | | | | | | | | | | | | | | | | | |
| 2 | ·075 | – | – | – | – | – | – | – | – | – | – | – | – | ·040 | ·010 | ·005 | – | – | – | – | – | – | – | – |
| 3 | – | – | – | ·060 | ·230 | ·430 | ·145 | ·075 | ·055 | ·080 | ·110 | ·070 | ·180 | ·190 | ·130 | ·080 | ·130 | ·050 | ·060 | ·010 | – | – | – | – |
| 4 | – | – | – | – | – | – | ·005 | ·015 | – | – | ·005 | ·005 | – | ·030 | – | – | ·010 | ·025 | ·010 | – | ·005 | – | – | ·005 |
| 5 | – | – | – | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 6 | – | – | – | – | – | ·025 | ·110 | ·110 | ·025 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 7 | ·005 | – | – | – | ·005 | – | – | – | – | ·020 | – | – | – | – | – | – | ·005 | ·015 | – | – | – | – | – | ·015 |
| 8 | ·005 | – | – | ·005 | – | ·035 | – | – | – | ·005 | ·010 | – | – | – | – | – | – | – | – | – | – | – | ·090 | ·005 |
| 9 | ·005 | ·005 | ·025 | ·040 | ·100 | ·040 | – | ·010 | ·005 | ·005 | ·090 | ·010 | – | ·020 | – | ·010 | – | – | – | – | – | ·170 | ·030 | ·020 |
| 10 | – | ·005 | ·005 | ·005 | – | ·005 | – | – | ·005 | – | – | – | – | – | – | ·025 | ·015 | ·010 | – | ·050 | – | – | – | – |
| 11 | – | ·100 | ·050 | ·075 | ·125 | ·200 | ·200 | ·150 | ·055 | ·005 | – | ·005 | ·030 | ·030 | ·055 | ·005 | – | ·001 | – | ·035 | ·015 | – | ·050 | ·150 |
| 12 | ·030 | ·020 | ·020 | – | – | – | ·005 | – | – | ·005 | – | ·025 | – | ·005 | ·240 | – | – | – | – | – | – | ·005 | – | ·005 |
| 13 | ·005 | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | – | – | – | – | ·020 | ·050 | ·005 | ·025 | ·030 | ·025 | – | ·010 | ·115 | ·065 | ·050 | ·010 | ·020 | ·060 | ·090 | – | – | ·010 | – | – |
| 17 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 18 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 19 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 20 | – | ·005 | – | – | ·005 | ·010 | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 21 | – | – | – | – | – | – | – | ·010 | ·005 | ·055 | ·005 | ·050 | – | ·005 | ·005 | – | – | – | – | – | – | – | – | – |
| 22 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·005 | – | – | – | – | – | – | ·005 |
| 23 | – | ·005 | – | – | – | – | – | ·005 | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 24 | – | ·005 | – | ·005 | – | – | – | ·010 | ·095 | ·065 | – | – | ·005 | – | – | – | ·005 | – | – | – | – | – | – | – |
| 25 | ·005 | – | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 27 | – | – | ·005 | – | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 |
| 28 | ·005 | – | ·005 | – | – | – | – | ·005 | ·020 | ·005 | – | – | ·020 | – | – | – | ·005 | – | – | – | ·060 | ·015 | ·010 | – |
| 29 | – | – | – | – | – | – | – | – | – | ·025 | – | ·070 | ·010 | – | – | – | – | – | – | – | – | – | – | – |
| 30 | – | ·005 | ·005 | – | – | ·040 | – | – | – | – | – | – | – | – | – | – | – | – | – | ·030 | ·055 | ·075 | ·040 | ·010 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | | |
| 20 | 26 | 20 | 28 | 19 | 23 | 18 | 20 | 18 | 20 | 18 | 14 | 18 | 13 | 18 | 15 | 18 | 14 | 18 | 17 | 18 | 19 | | | 1 |
| 22 | 18 | 19 | 22 | 19 | 26 | 20 | 26 | 20 | 23 | 20 | 15 | 20 | 14 | 20 | 13 | 20 | 14 | 20 | 18 | 20 | 14 | | | 2 |
| 31 | 19 | 30 | 21 | 23 | 27 | 28 | 25 | 27 | 19 | 27 | 20 | 26 | 17 | 25 | 20 | 25 | 22 | 26 | 24 | 25 | 22 | | | 3 |
| 23 | 23 | 23 | 22 | 24 | 26 | 24 | 22 | 24 | 20 | 25 | 17 | 26 | 16 | 26 | 15 | 26 | 12 | 26 | 13 | 26 | 12 | | | 4 |
| 15 | 12 | 25 | 13 | 25 | 12 | 21 | 15 | 21 | 12 | 21 | 8·5 | 21 | 8·5 | 21 | 8·5 | 21 | 9·5 | 21 | 8·5 | 21 | 9·5 | | | 5 |
| 25 | 21 | 26 | 22 | 26 | 18 | 26 | 19 | 26 | 13 | 20 | 7·5 | 26 | 10·5 | 26 | 12 | 26 | 10·5 | 24 | 9·5 | 24 | 7·5 | | | 6 |
| 20 | 23 | 20 | 22 | 20 | 22 | 20 | 23 | 19 | 17 | 19 | 9·5 | 19 | 8·5 | 19 | 8·5 | 19 | 8·5 | 19 | 3 | 19 | 4 | | | 7 |
| 19 | 14 | 20 | 13 | 17 | 13 | 16 | 15 | 23 | 18 | 23 | 11 | 19 | 12 | 14 | 12 | 18 | 17 | 19 | 18 | 18 | 19 | | | 8 |
| 22 | 21 | 21 | 24 | 23 | 26 | 21 | 31 | 22 | 27 | 22 | 24 | 23 | 19 | 23 | 19 | 23 | 23 | 24 | 18 | 21 | 16 | | | 9 |
| 23 | 28 | 22 | 29 | 23 | 26 | 23 | 23 | 23 | 22 | 23 | 21 | 23 | 18 | 24 | 17 | 22 | 15 | 23 | 16 | 21 | 17 | | | 10 |
| 2 | 33 | 22 | 36 | 22 | 36 | 22 | 39 | 22 | 41 | 22 | 43 | 22 | 37 | 22 | 37 | 23 | 33 | 23 | 26 | 23 | 26 | | | 11 |
| 8 | 21 | 30 | 15 | 30 | 21 | 29 | 20 | 30 | 21 | 30 | 16 | 21 | 13 | 29 | 15 | 29 | 14 | 29 | 13 | 29 | 11 | | | 12 |
| 0 | 13 | 29 | 14 | 30 | 12 | 28 | 13 | 29 | 11 | 29 | 10·5 | 29 | 8·5 | 29 | 8·5 | 29 | 7·5 | 29 | 5·5 | 29 | 4·5 | | | 13 |
| 5 | 12 | 19 | 10·5 | 21 | 10·5 | 21 | 11 | 20 | 7·5 | 20 | 8·5 | 20 | 8·5 | 20 | 8·5 | 20 | 10·5 | 19 | 10·5 | 19 | 12 | | | 14 |
| 7 | 22 | 20 | 25 | 20 | 22 | 20 | 21 | 20 | 14 | 20 | 11 | 20 | 11 | 20 | 13 | 20 | 11 | 20 | 11 | 20 | 10·5 | | | 15 |
| 4 | 6·5 | 21 | 7·5 | 22 | 4 | 22 | 7·5 | 31 | 13 | 31 | 15 | 31 | 16 | 31 | 19 | 31 | 18 | 31 | 20 | 31 | 23 | | | 16 |
| 9 | 20 | 29 | 21 | 28 | 17 | 28 | 12 | 28 | 9·5 | 27 | 11 | 26 | 10·5 | 25 | 10·5 | 24 | 10·5 | 23 | 15 | 22 | 15 | | | 17 |
| 5 | 15 | 20 | 16 | 26 | 17 | 26 | 15 | 26 | 14 | 26 | 11 | 23 | 7·5 | 23 | 9·5 | 23 | 7·5 | 21 | 10·5 | 21 | 14 | | | 18 |
| 8 | 13 | 20 | 15 | 19 | 13 | 18 | 12 | 18 | 10·5 | 17 | 13 | 18 | 13 | 17 | 13 | 18 | 12 | 17 | 17 | 17 | 17 | | | 19 |
| | 13 | 15 | 11 | 15 | 9·5 | 15 | 7·5 | 15 | 6·5 | 13 | 6·5 | 13 | 5·5 | 13 | 9·5 | 11 | 7·5 | 11 | 6·5 | 11 | 4·5 | | | 20 |
| | 30 | 18 | 29 | 17 | 31 | 16 | 31 | 17 | 32 | 16 | 33 | 17 | 36 | 17 | 37 | 16 | 42 | 17 | 45 | 18 | 40 | | | 21 |
| | 29 | 19 | 27 | 18 | 22 | 18 | 20 | 18 | 15 | 17 | 15 | 17 | 15 | 17 | 14 | 17 | 13 | 17 | 13 | 17 | 9·5 | | | 22 |
| | 11 | 12 | 6·5 | 12 | 5·5 | 12 | 3 | 12 | 4 | 4 | 7·5 | 5 | 6·5 | 5 | 4·5 | 5 | 5·5 | 13 | 4·5 | 13 | 3 | | | 23 |
| | 9·5 | 13 | 8·5 | 13 | 8·5 | 13 | 8·5 | 13 | 5·5 | 13 | 7·5 | 13 | 6·5 | 13 | 6·5 | 13 | 7·5 | 13 | 7·5 | 13 | 9·5 | | | 24 |
| | 9·5 | 10 | 8·5 | 11 | 8·5 | 11 | 4·5 | 11 | 3 | 11 | 3 | 11 | 2 | 11 | 3 | 11 | 2 | 11 | 4 | 11 | 4 | | | 25 |
| | 11 | 8 | 11 | 9 | 9·5 | 10 | 8·5 | 10 | 8·5 | 10 | 7·5 | 10 | 4·5 | 8 | 6·5 | 8 | 9·5 | 8 | 12 | 8 | 7·5 | | | 26 |
| | 8·5 | 15 | 6·5 | 14 | 6·5 | 14 | 6·5 | 16 | 5·5 | 19 | 10·5 | 19 | 10·5 | 19 | 6·5 | 18 | 8·5 | 17 | 12 | 18 | 12 | | | 27 |
| | 27 | 17 | 26 | 18 | 24 | 17 | 24 | 16 | 25 | 14 | 31 | 17 | 31 | 17 | 34 | 18 | 32 | 22 | 22 | 21 | 16 | | | 28 |
| | 44 | 21 | 31 | 20 | 28 | 20 | 19 | 19 | 17 | 19 | 18 | 18 | 18 | 19 | 20 | 20 | 18 | 20 | 19 | 20 | 12 | | | 29 |
| | 10 | 12 | 11 | 10 | 9·5 | 9 | 10·5 | 8 | 15 | 9 | 16 | 1 | 14 | 1 | 17 | 1 | 21 | 32 | 28 | 1 | 30 | | | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | | 31 |


*Meteorological Office,*
*116 Victoria Street, Westminster. S.W.*
ROBERT H. SCOTT, Director.

STONYHURST OBSERVATORY LAT 53° 51′ N LONG 2° 28′ W.

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29·157 | 29·113 | 29·082 | 29·057 | 29·049 | 29·045 | 29·039 | 29·034 | 29·041 | 29·022 | 29·081 | 29·158 | 29·17 |
| 2 | ·288 | ·288 | ·285 | ·277 | ·286 | ·294 | ·289 | ·305 | ·310 | ·318 | ·308 | ·349 | ·36 |
| 3 | ·425 | ·425 | ·417 | ·414 | ·413 | ·419 | ·406 | ·412 | ·405 | ·411 | ·394 | ·381 | ·37 |
| 4 | ·300 | ·306 | ·304 | ·301 | ·312 | ·321 | ·321 | ·339 | ·350 | ·355 | ·348 | ·362 | ·37 |
| 5 | ·493 | ·503 | ·503 | ·511 | ·516 | ·533 | ·534 | ·549 | ·562 | ·555 | ·550 | ·556 | ·55 |
| 6 | ·539 | ·533 | ·516 | ·516 | ·516 | ·526 | ·528 | ·544 | ·538 | ·551 | ·539 | ·528 | ·51 |
| 7 | ·563 | ·566 | ·552 | ·541 | ·547 | ·564 | ·557 | ·570 | ·575 | ·584 | ·568 | ·568 | ·56 |
| 8 | ·525 | ·512 | ·502 | ·500 | ·496 | ·501 | ·502 | ·508 | ·505 | ·516 | ·510 | ·497 | ·48 |
| 9 | 29·216 | 29·190 | 29·143 | 29·106 | 29·071 | 29·075 | 29·053 | 29·028 | 29·018 | ·025 | ·026 | ·016 | ·00 |
| 10 | 28·969 | 28·964 | 28·953 | 28·944 | 28·951 | 28·962 | 28·965 | 28·976 | 28·986 | ·006 | ·018 | ·031 | ·03 |
| 11 | 29·203 | 29·211 | 29·210 | 29·206 | 29·198 | 29·199 | 29·190 | 29·179 | 29·175 | ·170 | 29·152 | ·135 | ·10 |
| 12 | ·006 | ·024 | ·035 | ·034 | ·041 | ·089 | ·139 | ·195 | ·233 | ·271 | * | ·327 | ·31 |
| 13 | ·624 | ·628 | ·646 | ·661 | ·681 | ·711 | ·737 | ·759 | ·786 | ·806 | 29·820 | ·840 | ·84 |
| 14 | ·941 | ·930 | ·924 | ·919 | ·911 | ·922 | ·915 | ·899 | ·897 | ·894 | ·879 | ·875 | ·87 |
| 15 | ·718 | ·704 | ·673 | ·663 | ·658 | ·651 | ·637 | ·634 | ·609 | ·598 | ·590 | ·588 | ·59 |
| 16 | ·644 | ·641 | ·640 | ·638 | ·637 | ·649 | ·641 | ·649 | ·646 | ·647 | ·645 | ·631 | ·61 |
| 17 | ·544 | ·532 | ·525 | ·514 | ·513 | ·525 | ·530 | ·542 | ·534 | ·529 | ·517 | ·510 | ·50 |
| 18 | ·354 | ·348 | ·352 | ·355 | ·362 | ·381 | ·394 | ·421 | ·436 | ·468 | ·479 | ·484 | ·48 |
| 19 | ·584 | ·582 | ·573 | ·554 | ·553 | ·546 | ·551 | ·551 | ·546 | ·546 | ·539 | ·540 | ·54 |
| 20 | ·468 | ·460 | ·453 | ·437 | ·435 | ·435 | ·436 | ·449 | ·445 | ·462 | ·464 | ·445 | ·44 |
| 21 | ·362 | ·354 | ·334 | ·315 | ·307 | ·294 | ·288 | ·270 | ·252 | ·235 | ·223 | ·191 | ·15 |
| 22 | ·205 | ·199 | ·195 | ·191 | ·179 | ·187 | ·202 | ·227 | ·233 | ·246 | ·259 | ·280 | ·20 |
| 23 | ·510 | ·515 | ·522 | ·519 | ·525 | ·564 | ·574 | ·576 | ·600 | ·602 | ·601 | ·598 | ·56 |
| 24 | ·641 | ·642 | ·641 | ·645 | ·658 | ·671 | ·690 | ·702 | ·719 | ·715 | ·718 | ·725 | ·72 |
| 25 | ·763 | ·754 | ·753 | ·745 | ·752 | ·752 | ·753 | ·761 | ·763 | ·766 | ·764 | ·758 | ·75 |
| 26 | ·777 | ·775 | ·776 | ·779 | ·783 | ·795 | ·802 | ·811 | ·821 | ·819 | ·827 | ·819 | ·80 |
| 27 | ·656 | ·634 | ·628 | ·612 | ·601 | ·585 | ·575 | ·587 | ·591 | ·580 | ·563 | ·555 | ·55 |
| 28 | ·440 | ·426 | ·398 | ·388 | ·367 | ·363 | ·348 | ·339 | ·328 | ·313 | ·287 | ·274 | ·24 |
| 29 | ·065 | ·036 | ·025 | ·053 | ·067 | ·086 | ·100 | ·130 | ·142 | ·151 | ·146 | ·133 | ·10 |
| 30 | 29·294 | 29·298 | 29·293 | 29·294 | 29·294 | 29·307 | 29·310 | 29·320 | 29·334 | 29·341 | 29·353 | 29·373 | 29·35 |
| 31 | | | | | | | | | | | | | |

# DRY BULB THERMOMETER 7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 6 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 58·8 | 58·9 | 60·8 | 61·7 | 62·5 | 62·1 | 63·5 | 62·6 | 60·7 | 64·5 | 63·0 | 61·7 | 62·3 | 61·7 | 61·4 | 61·1 | 62·2 | 60·4 | 57·6 | 55·0 | 55·8 | 55·2 | 53·8 | 52·8 |
| 2 | 52·9 | 52·3 | 52·8 | 53·2 | 53·4 | 53·3 | 55·0 | 57·2 | 59·8 | 59·7 | 62·2 | 56·4 | 57·2 | 60·9 | 62·0 | 62·8 | 62·3 | 60·7 | 58·3 | 55·9 | 55·0 | 55·8 | 54·8 | 53·8 |
| 3 | 54·0 | 53·7 | 52·8 | 52·1 | 51·6 | 51·7 | 53·1 | 56·6 | 58·1 | 60·1 | 61·2 | 60·5 | 62·7 | 61·5 | 62·3 | 61·5 | 61·5 | 60·7 | 58·8 | 56·5 | 55·5 | 55·4 | 52·7 | 53·0 |
| 4 | 53·4 | 52·1 | 52·7 | 52·7 | 52·4 | 52·6 | 52·8 | 51·6 | 53·2 | 54·4 | 55·7 | 56·6 | 55·7 | 56·7 | 56·6 | 55·1 | 55·5 | 54·9 | 53·7 | 52·6 | 53·5 | 52·9 | 52·9 | 51·8 |
| 5 | 51·1 | 51·8 | 51·7 | 50·8 | 50·3 | 50·9 | 52·0 | 54·7 | 52·0 | 55·9 | 51·6 | 56·1 | 56·0 | 53·9 | 54·9 | 55·1 | 53·7 | 52·8 | 53·0 | 52·2 | 52·3 | 52·3 | 51·3 | 51·9 |
| 6 | 51·1 | 50·5 | 51·0 | 50·9 | 50·7 | 50·5 | 50·9 | 52·3 | 54·2 | 54·9 | 56·9 | 57·7 | 57·5 | 57·1 | 58·7 | 57·6 | 57·1 | 56·0 | 55·7 | 55·2 | 54·7 | 54·7 | 54·6 | |
| 7 | 53·9 | 53·9 | 54·2 | 54·1 | 54·2 | 54·9 | 55·4 | 55·7 | 56·0 | 55·7 | 58·4 | 58·6 | 59·5 | 59·1 | 56·5 | 55·9 | 56·7 | 56·1 | 55·5 | 55·0 | 54·6 | 54·3 | 54·2 | 54·4 |
| 8 | 54·7 | 54·3 | 52·9 | 53·0 | 53·0 | 53·1 | 53·2 | 54·1 | 55·7 | 56·8 | 57·5 | 58·1 | 58·2 | 59·8 | 59·6 | 59·4 | 58·4 | 57·3 | 56·6 | 53·0 | 52·9 | 52·0 | 52·3 | 53·1 | 53·3 |
| 9 | 53·9 | 53·9 | 53·1 | 53·2 | 53·4 | 53·2 | 52·8 | 52·4 | 52·2 | 53·7 | 55·0 | 55·9 | 55·9 | 57·7 | 57·5 | 57·0 | 55·4 | 53·2 | 50·9 | 49·9 | 49·9 | 47·3 | 47·2 | 47·1 |
| 10 | 45·9 | 46·0 | 46·1 | 46·6 | 46·1 | 47·2 | 48·8 | 49·8 | 51·6 | 52·6 | 52·7 | 54·4 | 55·6 | 56·1 | 55·7 | 54·4 | 52·8 | 47·7 | 49·9 | 50·2 | 49·5 | 50·9 | 51·1 | 51·6 |
| 11 | 51·1 | 50·2 | 50·0 | 49·4 | 49·9 | 49·6 | 50·6 | 52·6 | 52·8 | 52·6 | 51·8 | 52·8 | 54·0 | 54·2 | 55·1 | 55·6 | 56·0 | 56·0 | 56·6 | 57·1 | 55·6 | 55·8 | 53·9 | 53·9 |
| 12 | 53·2 | 52·5 | 52·9 | 52·6 | 52·4 | 52·4 | 53·2 | 55·4 | 54·5 | 56·0 | 58·2 | 58·5 | 59·0 | 58·2 | 58·6 | 57·7 | 55·3 | 53·5 | 53·5 | 52·1 | 51·6 | 47·3 | 48·1 | |
| 13 | 47·0 | 47·1 | 46·8 | 47·7 | 47·4 | 47·5 | 49·3 | 51·6 | 51·4 | 52·4 | 55·5 | 55·3 | 54·6 | 55·9 | 56·4 | 55·8 | 57·1 | 54·1 | 51·5 | 51·8 | 49·6 | 46·1 | 46·1 | 45·8 | 45·9 |
| 14 | 42·9 | 42·5 | 41·8 | 42·3 | 41·0 | 41·6 | 43·7 | 47·1 | 51·2 | 55·2 | 57·6 | 58·3 | 60·2 | 60·4 | 60·0 | 60·8 | 59·2 | 56·9 | 54·2 | 52·9 | 52·6 | 52·1 | 50·1 | 51·0 |
| 15 | 50·9 | 50·2 | 49·9 | 50·1 | 49·2 | 50·0 | 50·9 | 54·0 | 56·1 | 57·2 | 59·9 | 62·6 | 61·0 | 60·5 | 57·9 | 57·2 | 57·3 | 58·0 | 58·0 | 57·2 | 57·3 | 56·8 | 54·5 | 54·1 |
| 16 | 52·1 | 52·9 | 52·1 | 51·0 | 50·6 | 49·5 | 50·1 | 52·0 | 53·6 | 54·1 | 54·6 | 55·9 | 58·2 | 56·0 | 54·7 | 54·3 | 53·1 | 52·0 | 51·3 | 50·8 | 50·2 | 49·2 | 49·2 | 48·5 |
| 17 | 47·9 | 47·2 | 47·6 | 46·9 | 46·9 | 43·7 | 44·6 | 49·9 | 51·7 | 54·1 | 58·4 | 54·3 | 55·9 | 56·7 | 56·4 | 54·7 | 53·2 | 51·2 | 50·0 | 50·3 | 50·4 | 50·4 | 49·9 | 50·0 |
| 18 | 51·7 | 53·1 | 53·6 | 53·5 | 53·2 | 53·1 | 53·2 | 52·6 | 54·0 | 53·2 | 55·9 | 55·8 | 56·5 | 57·4 | 57·3 | 56·1 | 55·4 | 53·7 | 51·0 | 49·1 | 48·6 | 47·9 | 47·8 | 49·9 |
| 19 | 49·8 | 50·3 | 50·0 | 48·7 | 49·2 | 49·3 | 50·9 | 52·1 | 54·9 | 57·5 | 57·1 | 59·0 | 60·0 | 60·2 | 60·2 | 60·2 | 58·8 | 57·3 | 55·4 | 53·1 | 53·0 | 52·9 | 53·2 | 54·2 |
| 20 | 53·0 | 53·1 | 53·2 | 53·2 | 53·2 | 53·0 | 53·8 | 54·8 | 56·1 | 56·6 | 56·5 | 57·1 | 59·4 | 59·4 | 59·1 | 58·3 | 57·1 | 57·1 | 56·3 | 56·5 | 57·3 | 57·9 | 57·8 | |
| 21 | 57·5 | 56·6 | 56·1 | 55·2 | 55·3 | 55·4 | 56·6 | 56·0 | 55·5 | 55·4 | 55·7 | 56·0 | 59·2 | 61·7 | 62·8 | 62·1 | 61·1 | 60·1 | 60·1 | 57·4 | 57·3 | 56·0 | 52·7 | 51·1 |
| 22 | 51·0 | 51·0 | 51·3 | 51·7 | 52·1 | 52·3 | 52·4 | 55·4 | 55·4 | 56·8 | 59·0 | 60·0 | 59·3 | 59·4 | 59·4 | 59·3 | 58·0 | 56·8 | 55·5 | 53·3 | 53·5 | 52·9 | 51·0 | 51·5 |
| 23 | 50·6 | 50·0 | 49·4 | 48·7 | 48·5 | 47·7 | 48·1 | 50·3 | 52·1 | 54·4 | 57·2 | 58·8 | 58·3 | 60·5 | 56·2 | 61·1 | 61·3 | 58·8 | 56·1 | 55·0 | 52·8 | 52·0 | 53·2 | 51·0 |
| 24 | 51·0 | 50·1 | 50·5 | 48·0 | 50·2 | 48·4 | 49·8 | 50·2 | 52·6 | 54·6 | 56·0 | 58·1 | 61·3 | 60·0 | 59·2 | 59·6 | 58·3 | 56·6 | 56·6 | 55·0 | 53·2 | 51·3 | 53·9 | 53·4 |
| 25 | 54·1 | 53·7 | 55·6 | 50·2 | 50·2 | 56·3 | 56·7 | 56·8 | 57·5 | 58·1 | 59·0 | 60·3 | 59·3 | 60·2 | 62·1 | 60·4 | 59·1 | 58·9 | 58·7 | 58·6 | 56·2 | 57·8 | 57·0 | |
| 26 | 57·0 | 57·2 | 56·9 | 56·9 | 56·6 | 55·7 | 55·4 | 56·1 | 56·8 | 58·0 | 58·3 | 61·1 | 61·8 | 62·6 | 63·2 | 63·6 | 61·7 | 60·0 | 59·6 | 59·7 | 58·7 | 58·4 | 60·7 | 58·0 |
| 27 | 55·3 | 54·9 | 54·8 | 53·7 | 52·8 | 52·1 | 52·6 | 53·7 | 55·8 | 56·4 | 56·6 | 56·5 | 57·0 | 57·0 | 56·4 | 56·8 | 56·3 | 55·4 | 54·9 | 54·7 | 55·2 | 55·6 | 56·8 | |
| 28 | 57·4 | 58·0 | 57·3 | 57·4 | 58·2 | 57·7 | 57·8 | 58·2 | 59·6 | 59·2 | 60·3 | 62·0 | 62·5 | 62·6 | 61·3 | 60·6 | 60·4 | 60·2 | 60·4 | 59·7 | 59·3 | 58·3 | 57·6 | 57·7 |
| 29 | 57·3 | 57·5 | 57·2 | 56·5 | 55·6 | 53·2 | 52·4 | 54·3 | 56·8 | 56·9 | 58·6 | 58·8 | 56·7 | 54·2 | 55·5 | 54·4 | 53·9 | 51·7 | 49·7 | 48·4 | 48·0 | 47·1 | 46·2 | 45·2 |
| 30 | 45·4 | 45·5 | 46·6 | 46·4 | 46·6 | 46·4 | 47·3 | 49·4 | 50·6 | 52·6 | 53·9 | 54·7 | 54·0 | 54·6 | 55·9 | 54·4 | 54·1 | 50·2 | 47·8 | 48·2 | 46·5 | 45·3 | 46·8 | 46·7 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action.

# HOURLY VALUES *September* 1874

CISTERN 361 FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.201 | 29.217 | 29.237 | 29.237 | 29.275 | 29.277 | 29.290 | 29.303 | 29.313 | 29.303 | 29.310 | 1 |
| .348 | .361 | .368 | .377 | .379 | .386 | .419 | .415 | .429 | .430 | .430 | 2 |
| .342 | .329 | .315 | .304 | .298 | .304 | .303 | .303 | .301 | .299 | .301 | 3 |
| .383 | .373 | .366 | .390 | .405 | .420 | .450 | .459 | .467 | .473 | .497 | 4 |
| .549 | .529 | .533 | .527 | .532 | .526 | .545 | .545 | .546 | .543 | .545 | 5 |
| .517 | .518 | .526 | .523 | .530 | .547 | .549 | .555 | .564 | .560 | .570 | 6 |
| .552 | .547 | .535 | .522 | .518 | .521 | .526 | .516 | .519 | .516 | .523 | 7 |
| 29.668 | 29.455 | 29.443 | 29.417 | 29.399 | 29.382 | 29.368 | 29.344 | 29.335 | 29.290 | 29.257 | 8 |
| 28.006 | 28.991 | 28.988 | 28.978 | 28.976 | 28.983 | 28.994 | 28.977 | 28.976 | 28.982 | 28.972 | 9 |
| 29.041 | 29.038 | 29.044 | 29.048 | 29.072 | 29.073 | 29.094 | 29.114 | 29.133 | 29.160 | 29.185 | 10 |
| 28.081 | .038 | .019 | 28.987 | 28.961 | 28.937 | 28.927 | 28.919 | 28.909 | 28.920 | 28.954 | 11 |
| .362 | .380 | .403 | 29.419 | 29.448 | 29.479 | 29.506 | 29.527 | 29.554 | 29.576 | 29.595 | 12 |
| .848 | .852 | .861 | .869 | .885 | .891 | .910 | .926 | .935 | .932 | .935 | 13 |
| .838 | .815 | .801 | .791 | .786 | .776 | .765 | .758 | .755 | .752 | .735 | 14 |
| .576 | .582 | .572 | .566 | .574 | .582 | .604 | .617 | .633 | .638 | .643 | 15 |
| .603 | .590 | .583 | .573 | .574 | .586 | .554 | .567 | .564 | .554 | .542 | 16 |
| .491 | .488 | .483 | .478 | .464 | .454 | .444 | .428 | .411 | .391 | .376 | 17 |
| .491 | .505 | .524 | .535 | .566 | .578 | .574 | .583 | .584 | .585 | .581 | 18 |
| .803 | .496 | .496 | .493 | .497 | .502 | .502 | .502 | .496 | .488 | .484 | 19 |
| .436 | .428 | .418 | .406 | .413 | .414 | .416 | .410 | .399 | .386 | .367 | 20 |
| .135 | .117 | .106 | .101 | .121 | .127 | .163 | .186 | .203 | .209 | .217 | 21 |
| .803 | .318 | .340 | .354 | .382 | .411 | .436 | .454 | .478 | .488 | .503 | 22 |
| .582 | .575 | .572 | .573 | .592 | .603 | .612 | .614 | .638 | .632 | .634 | 23 |
| .723 | .724 | .720 | .725 | .738 | .748 | .762 | .763 | .758 | .764 | .762 | 24 |
| .736 | .740 | .735 | .741 | .751 | .755 | .764 | .764 | .777 | .779 | .773 | 25 |
| .799 | .767 | .752 | .727 | .720 | .717 | .707 | .686 | .672 | .661 | .658 | 26 |
| .519 | .497 | .496 | .496 | .499 | .501 | .501 | .482 | .483 | .461 | .451 | 27 |
| .221 | .204 | .195 | .180 | .184 | .168 | .162 | .146 | .129 | .107 | .107 | 28 |
| .100 | .094 | .094 | .124 | .170 | .206 | .240 | .257 | .276 | .285 | .289 | 29 |
| 29.566 | 29.343 | 29.344 | 29.342 | 29.346 | 29.365 | 29.355 | 29.343 | 29.316 | 29.287 | 29.271 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER 7 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57.8 | 59.8 | 60.6 | 61.0 | 61.0 | 61.4 | 61.2 | 58.9 | 62.4 | 60.9 | 58.1 | 56.7 | 55.1 | 55.6 | 53.9 | 54.9 | 53.3 | 52.1 | 51.4 | 52.0 | 51.3 | 50.7 | 50.2 | 1 |
| 50.1 | 50.1 | 50.8 | 51.8 | 52.1 | 52.7 | 53.6 | 54.6 | 55.6 | 56.7 | 52.8 | 52.4 | 55.8 | 55.1 | 55.7 | 55.4 | 54.9 | 53.2 | 52.1 | 51.7 | 52.8 | 52.1 | 51.7 | 2 |
| 51.9 | 51.2 | 50.5 | 50.0 | 50.3 | 51.2 | 53.7 | 55.4 | 55.7 | 56.5 | 56.3 | 56.0 | 56.6 | 56.8 | 56.1 | 54.7 | 55.0 | 54.9 | 53.9 | 53.4 | 53.2 | 51.4 | 51.7 | 3 |
| 48.1 | 50.0 | 50.7 | 50.2 | 50.4 | 50.6 | 49.8 | 50.7 | 50.9 | 51.1 | 50.9 | 49.9 | 50.9 | 51.0 | 50.6 | 50.9 | 51.3 | 51.1 | 50.5 | 50.7 | 50.3 | 49.6 | 48.7 | 4 |
| 48.4 | 47.3 | 48.9 | 48.2 | 47.9 | 50.2 | 48.8 | 50.2 | 52.6 | 52.0 | 52.1 | 51.7 | 50.3 | 50.6 | 51.6 | 51.2 | 51.1 | 50.4 | 50.6 | 50.9 | 50.9 | 50.9 | 50.7 | 5 |
| 49.7 | 50.0 | 50.0 | 49.9 | 49.8 | 49.7 | 50.6 | 52.2 | 52.6 | 53.8 | 54.0 | 54.2 | 53.7 | 54.8 | 56.0 | 55.1 | 54.7 | 53.7 | 53.4 | 53.1 | 53.1 | 53.1 | 53.3 | 6 |
| 52.7 | 53.2 | 53.3 | 53.7 | 54.2 | 54.8 | 56.2 | 55.0 | 55.0 | 57.0 | 56.2 | 55.1 | 56.1 | 54.8 | 65.9 | 55.3 | 54.8 | 54.3 | 54.1 | 54.0 | 53.8 | 53.6 | 53.7 | 7 |
| 53.9 | 53.3 | 52.3 | 52.3 | 52.3 | 53.7 | 55.1 | 54.9 | 54.2 | 54.1 | 53.9 | 54.2 | 54.1 | 54.3 | 53.9 | 53.8 | 53.4 | 51.1 | 50.0 | 49.8 | 50.3 | 51.1 | 51.6 | 8 |
| 51.9 | 51.8 | 52.1 | 52.5 | 52.3 | 51.8 | 51.7 | 51.6 | 52.5 | 50.9 | 50.0 | 50.1 | 50.9 | 50.9 | 49.7 | 50.0 | 49.6 | 49.0 | 48.0 | 45.2 | 45.0 | 45.0 | 44.9 | 9 |
| 44.6 | 44.4 | 44.9 | 44.9 | 45.8 | 47.4 | 48.3 | 49.4 | 50.6 | 49.9 | 49.4 | 50.9 | 51.0 | 50.2 | 50.2 | 50.0 | 48.9 | 48.6 | 48.1 | 47.7 | 48.8 | 48.9 | 48.6 | 10 |
| 47.3 | 46.1 | 47.8 | 48.9 | 48.3 | 48.3 | 49.8 | 50.3 | 50.8 | 50.9 | 51.0 | 53.0 | 53.5 | 54.3 | 55.1 | 55.5 | 55.6 | 56.1 | 56.1 | 54.9 | 54.5 | 52.3 | 52.2 | 11 |
| 50.1 | 50.9 | 50.6 | 50.4 | 50.0 | 50.9 | 49.7 | 51.0 | 49.6 | 49.8 | 51.1 | 51.8 | 51.9 | 51.8 | 52.0 | 52.4 | 50.7 | 49.3 | 48.3 | 47.8 | 47.3 | 46.0 | 46.1 | 12 |
| 45.8 | 45.5 | 46.2 | 46.0 | 46.4 | 47.6 | 49.3 | 49.2 | 50.6 | 52.2 | 51.3 | 51.8 | 52.5 | 51.9 | 52.9 | 52.1 | 50.5 | 48.0 | 47.0 | 44.7 | 44.4 | 44.4 | 42.8 | 13 |
| 41.5 | 40.8 | 41.3 | 40.6 | 40.8 | 43.0 | 46.0 | 50.0 | 51.1 | 52.2 | 51.5 | 53.7 | 54.0 | 53.7 | 54.0 | 53.2 | 52.0 | 50.7 | 49.8 | 49.9 | 49.6 | 48.3 | 48.7 | 14 |
| 48.1 | 48.0 | 48.3 | 47.7 | 48.3 | 48.9 | 51.2 | 52.4 | 53.9 | 56.0 | 57.8 | 57.1 | 56.9 | 56.9 | 56.9 | 57.1 | 57.7 | 57.8 | 57.0 | 56.8 | 56.0 | 53.8 | 53.5 | 15 |
| 52.2 | 51.4 | 49.4 | 49.0 | 48.7 | 48.3 | 50.0 | 50.1 | 51.8 | 52.5 | 52.0 | 52.7 | 51.9 | 50.9 | 51.2 | 50.8 | 51.6 | 49.6 | 49.1 | 49.0 | 48.2 | 48.0 | 47.2 | 16 |
| 46.0 | 46.6 | 48.1 | 42.1 | 43.8 | 43.2 | 47.0 | 48.4 | 49.6 | 49.3 | 49.4 | 50.2 | 50.0 | 49.6 | 48.1 | 48.3 | 47.3 | 47.2 | 47.1 | 46.7 | 47.8 | 48.6 | 47.2 | 17 |
| 52.5 | 52.2 | 52.0 | 51.2 | 51.2 | 50.6 | 51.8 | 51.5 | 50.6 | 52.2 | 51.5 | 51.9 | 52.7 | 52.7 | 51.7 | 51.1 | 50.5 | 48.7 | 47.4 | 47.2 | 46.7 | 46.8 | 48.4 | 18 |
| 48.8 | 48.2 | 47.4 | 48.0 | 48.1 | 49.4 | 51.3 | 53.0 | 54.2 | 53.5 | 54.2 | 54.6 | 54.7 | 54.3 | 53.9 | 54.2 | 53.7 | 52.1 | 50.5 | 50.4 | 50.8 | 51.2 | 51.3 | 19 |
| 50.6 | 50.1 | 49.9 | 47.9 | 50.6 | 51.1 | 51.6 | 52.3 | 53.1 | 52.7 | 54.0 | 54.8 | 55.1 | 55.2 | 54.8 | 54.8 | 54.7 | 53.8 | 53.6 | 53.2 | 53.6 | 53.9 | 54.1 | 20 |
| 54.2 | 54.0 | 54.0 | 53.9 | 53.8 | 54.0 | 54.2 | 54.9 | 55.2 | 55.2 | 56.1 | 58.8 | 60.0 | 60.0 | 60.0 | 59.2 | 58.7 | 56.2 | 56.3 | 53.8 | 51.0 | 49.8 | 49.5 | 21 |
| 48.9 | 48.8 | 48.5 | 48.8 | 48.7 | 49.2 | 51.1 | 51.0 | 52.0 | 53.1 | 53.3 | 52.2 | 52.2 | 52.0 | 52.1 | 51.7 | 49.4 | 49.8 | 49.1 | 49.2 | 49.5 | 49.5 | 49.2 | 22 |
| 48.4 | 48.0 | 47.2 | 47.0 | 47.1 | 46.6 | 49.2 | 50.8 | 51.9 | 53.5 | 54.2 | 53.4 | 55.9 | 56.6 | 56.5 | 56.9 | 55.0 | 53.5 | 53.0 | 51.0 | 50.6 | 52.2 | 50.9 | 23 |
| 49.4 | 49.7 | 47.3 | 49.8 | 47.8 | 49.2 | 49.6 | 51.9 | 54.6 | 55.7 | 55.0 | 56.2 | 55.0 | 53.9 | 55.0 | 54.7 | 54.0 | 53.8 | 52.2 | 52.2 | 52.2 | 52.5 | 52.9 | 53.1 | 24 |
| 52.7 | 54.3 | 55.9 | 55.1 | 55.4 | 55.6 | 55.8 | 56.3 | 56.5 | 57.9 | 58.3 | 60.7 | 60.7 | 60.7 | 59.6 | 58.6 | 57.8 | 57.8 | 57.1 | 57.7 | 57.1 | 56.4 | 56.1 | 25 |
| 56.7 | 56.7 | 56.6 | 55.4 | 54.9 | 54.7 | 55.1 | 54.9 | 55.5 | 55.7 | 57.2 | 57.2 | 58.2 | 58.3 | 58.7 | 58.0 | 56.9 | 56.7 | 57.3 | 56.5 | 56.6 | 58.5 | 56.7 | 26 |
| 54.4 | 54.0 | 53.3 | 52.6 | 52.0 | 52.8 | 53.3 | 55.1 | 56.0 | 54.1 | 62.5 | 62.1 | 61.4 | 62.1 | 62.7 | 62.0 | 60.0 | 57.2 | 56.2 | 56.1 | 54.6 | 55.5 | 55.5 | 27 |
| 55.2 | 56.0 | 56.6 | 56.2 | 57.0 | 56.4 | 56.7 | 57.1 | 56.9 | 58.6 | 57.6 | 57.9 | 58.1 | 58.0 | 57.6 | 58.1 | 57.3 | 57.7 | 57.2 | 56.2 | 55.6 | 55.8 | 55.3 | 28 |
| 55.2 | 55.8 | 54.8 | 51.5 | 50.5 | 49.3 | 50.3 | 51.5 | 51.9 | 50.9 | 52.2 | 52.1 | 51.7 | 52.6 | 50.3 | 48.1 | 46.3 | 45.3 | 44.9 | 44.2 | 43.3 | 42.4 | 42.7 | 29 |
| 45.3 | 44.2 | 44.2 | 44.5 | 44.3 | 45.1 | 46.7 | 47.8 | 48.5 | 48.9 | 45.7 | 50.2 | 49.6 | 50.1 | 49.8 | 49.7 | 47.7 | 45.7 | 45.7 | 45.0 | 43.4 | 44.4 | 44.6 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |


Meteorological Office,
116 Victoria Street Westminster. S W.
ROBERT H. SCOTT, Director.

# STONYHURST OBSERVATORY LAT. 53.51' N LONG. 2.28' W.

## WIND

DIRECTION IN NUMBERS { 8 – E , 24 – W. / 16 – S , 32 – N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 12 | 14 | 14 | 19 | 15 | 24 | 15 | 27 | 15 | 26 | 16 | 24 | 15 | 26 | 16 | 27 | 16 | 15 | 15 | 29 | 20 | 22 | 20 | 25 | 21 | 20 |
| 2 | 17 | 8·5 | 18 | 9·5 | 16 | 13 | 15 | 17 | 16 | 13 | 17 | 10·5 | 16 | 19 | 17 | 20 | 16 | 22 | 16 | 24 | 15 | 26 | 20 | 22 | 18 | 16 |
| 3 | 17 | 15 | 18 | 14 | 19 | 11 | 19 | 9·5 | 19 | 8·5 | 20 | 7·5 | 18 | 8·5 | 16 | 15 | 18 | 16 | 17 | 21 | 17 | 18 | 19 | 15 | 17 | 17 |
| 4 | 25 | 10·5 | 24 | 10·5 | 23 | 9·5 | 22 | 16 | 22 | 15 | 22 | 16 | 22 | 15 | 22 | 15 | 21 | 18 | 21 | 20 | 23 | 24 | 22 | 25 | 22 | 24 |
| 5 | 20 | 9·5 | 24 | 14 | 26 | 16 | 24 | 13 | 24 | 12 | 25 | 8·5 | 22 | 6·5 | 26 | 11 | 24 | 10·5 | 22 | 19 | 22 | 20 | 20 | 17 | 21 | 26 |
| 6 | 25 | 1·5 | 25 | 2 | 25 | 2 | 25 | 1·5 | 25 | 1·5 | 25 | 2 | 25 | 2 | 15 | 3 | 14 | 4 | 13 | 5·5 | 12 | 5·5 | 11 | 4·5 | 12 | 3 |
| 7 | 13 | 3 | 13 | 1·5 | 13 | 2 | 13 | 1·5 | 13 | 1·5 | 13 | 2 | 14 | 1·5 | 14 | 4·5 | 19 | 6·5 | 17 | 4·5 | 20 | 7·5 | 20 | 5·5 | 21 | 5 |
| 8 | 20 | 4 | 20 | 3 | 20 | 4·5 | 21 | 3 | 20 | 2 | 18 | 4 | 19 | 7·5 | 19 | 8·5 | 23 | 8·5 | 22 | 11 | 22 | 12 | 22 | 13 | 21 | 13 |
| 9 | 16 | 12 | 14 | 13 | 14 | 19 | 14 | 19 | 14 | 19 | 15 | 15 | 15 | 12 | 21 | 8·5 | 19 | 8·5 | 22 | 10·5 | 23 | 14 | 22 | 18 | 21 | 16 |
| 10 | 17 | 9·5 | 18 | 7·5 | 16 | 6·5 | 17 | 9·5 | 17 | 11 | 17 | 13 | 18 | 15 | 16 | 15 | 20 | 20 | 21 | 23 | 21 | 22 | 20 | 27 | 21 | 30 |
| 11 | 22 | 18 | 21 | 15 | 21 | 11 | 20 | 8·5 | 19 | 7·5 | 19 | 9·5 | 18 | 10·5 | 17 | 13 | 17 | 15 | 17 | 14 | 17 | 11 | 16 | 13 | 16 | 14 |
| 12 | 21 | 11 | 22 | 14 | 23 | 17 | 22 | 19 | 23 | 21 | 24 | 18 | 26 | 13 | 26 | 11 | 30 | 10·5 | 28 | 8·5 | 30 | 18 | 27 | 10·5 | 26 | 11 |
| 13 | 28 | 2 | 28 | 3 | 28 | 2 | 28 | 3 | 28 | 3 | 28 | 2 | 28 | 2 | 28 | 2 | 28 | 3 | 30 | 4 | 5 | 4 | 1 | 4 | 2 | 2 |
| 14 | 28 | 4 | 28 | 3 | 28 | 4 | 28 | 4 | 28 | 3 | 28 | 2 | 28 | 2 | 28 | 2 | 13 | 6·5 | 18 | 13 | 18 | 14 | 19 | 15 | 19 | 14 |
| 15 | 19 | 7·5 | 19 | 6·5 | 19 | 7·5 | 19 | 6·5 | 19 | 5·5 | 19 | 6·5 | 18 | 10·5 | 17 | 13 | 18 | 16 | 17 | 18 | 19 | 21 | 20 | 22 | 20 | 22 |
| 16 | 22 | 3 | 22 | 2 | 21 | 2 | 22 | 3 | 22 | 4 | 31 | 5·5 | 32 | 5·5 | 1 | 5·5 | 2 | 6·5 | 2 | 5·5 | 2 | 4 | 2 | 4 | 5 | 4 |
| 17 | 4 | 3 | 4 | 2 | 4 | 2 | 4 | 4 | 6 | 4 | 30 | 3 | 30 | 3 | 1 | 4 | 1 | 3 | 21 | 8·5 | 24 | 11 | 23 | 12 | 24 | 14 |
| 18 | 20 | 15 | 21 | 20 | 22 | 18 | 22 | 18 | 22 | 18 | 22 | 18 | 21 | 17 | 22 | 18 | 22 | 18 | 22 | 21 | 22 | 22 | 22 | 24 | 22 | 25 |
| 19 | 22 | 5·5 | 22 | 6·5 | 22 | 6·5 | 22 | 6·5 | 22 | 5·5 | 22 | 4 | 22 | 3 | 20 | 5·5 | 18 | 10·5 | 20 | 13 | 21 | 15 | 19 | 13 | 19 | 17 |
| 20 | 16 | 8·5 | 16 | 14 | 16 | 15 | 16 | 15 | 16 | 14 | 16 | 12 | 16 | 14 | 15 | 18 | 15 | 17 | 16 | 19 | 17 | 12 | 17 | 14 | 16 | 16 |
| 21 | 6 | 4 | 6 | 4 | 6 | 5·5 | 7 | 5·5 | 6 | 8·5 | 4 | 5·5 | 6 | 4·5 | 5 | 5·5 | 5 | 4·5 | 5 | 6·5 | 8 | 6·5 | 2 | 7·5 | 8 | 10 |
| 22 | 13 | 9·5 | 13 | 15 | 12 | 21 | 13 | 20 | 13 | 26 | 13 | 27 | 13 | 27 | 13 | 29 | 13 | 32 | 14 | 31 | 14 | 36 | 14 | 36 | 14 | 34 |
| 23 | 16 | 16 | 15 | 18 | 17 | 10·5 | 17 | 3 | 16 | 6·5 | 15 | 6·5 | 17 | 9·5 | 15 | 11 | 16 | 11 | 16 | 10·5 | 16 | 10·5 | 15 | 12 | 15 | 9 |
| 24 | 18 | 2 | 18 | 4 | 18 | 2 | 18 | 4 | 18 | 2 | 18 | 2 | 18 | 1·5 | 16 | 1·5 | 18 | 2 | 20 | 7·5 | 21 | 11 | 21 | 13 | 20 | 15 |
| 25 | 20 | 9·5 | 19 | 11 | 21 | 12 | 21 | 16 | 21 | 14 | 21 | 15 | 22 | 20 | 22 | 15 | 21 | 12 | 21 | 11 | 21 | 10·5 | 20 | 8·5 | 21 | 13 |
| 26 | 13 | 8·5 | 21 | 10·5 | 21 | 9·5 | 20 | 9·5 | 23 | 7·5 | 24 | 5·5 | 24 | 5·5 | 24 | 4·5 | 24 | 4·5 | 21 | 4·5 | 19 | 6·5 | 22 | 7·5 | 24 | 5·5 |
| 27 | 18 | 2 | 18 | 2 | 18 | 4 | 18 | 4·5 | 18 | 4 | 28 | 4·5 | 28 | 4 | 28 | 4 | 28 | 4·5 | 31 | 4·5 | 1 | 3 | 1 | 2 | 16 | 6 |
| 28 | 24 | 3 | 17 | 4 | 20 | 6·5 | 16 | 5·5 | 16 | 4·5 | 15 | 9·5 | 15 | 10·5 | 14 | 15 | 16 | 21 | 14 | 20 | 15 | 20 | 16 | 24 | 15 | 24 |
| 29 | 14 | 29 | 15 | 30 | 15 | 32 | 18 | 21 | 19 | 14 | 18 | 16 | 17 | 19 | 18 | 23 | 16 | 21 | 18 | 15 | 16 | 22 | 14 | 23 | 14 | 28 |
| 30 | 16 | 7·5 | 15 | 13 | 14 | 16 | 15 | 15 | 15 | 14 | 15 | 16 | 16 | 13 | 15 | 20 | 17 | 14 | 17 | 14 | 17 | 15 | 15 | 12 | 19 | 8 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

CAUCE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ·092 | ·012 | ·032 | ·004 | ·014 | ·031 | ·032 | ·293 | ·063 | ·110 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 2 | | – | – | – | ·075 | ·009 | – | – | – | – | – | ·090 | – | – | – | – | – | – | – | – | – | – | – | – |
| 3 | – | – | – | – | – | – | – | ·010 | ·003 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | – | – | – | – | – | – | – | – | – | ·055 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 5 | – | – | – | – | – | – | – | – | ·075 | – | – | – | – | ·003 | – | – | ·002 | ·090 | – | ·036 | ·013 | ·003 | – | – |
| 6 | – | ·003 | ·012 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 7 | – | – | – | – | – | – | – | ·001 | ·132 | ·021 | – | – | – | – | – | ·005 | – | – | – | ·012 | ·005 | – | – | – |
| 8 | – | – | – | – | ·030 | ·024 | ·011 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 9 | – | ·045 | ·079 | ·080 | ·080 | ·063 | ·010 | ·110 | ·130 | – | – | – | – | – | – | – | – | ·004 | ·012 | ·014 | ·005 | – | – | – |
| 10 | – | – | – | ·008 | ·064 | ·048 | ·004 | ·034 | ·062 | ·054 | ·013 | – | ·029 | – | ·008 | ·056 | ·045 | ·102 | ·150 | ·008 | ·215 | ·003 | ·015 | ·005 |
| 11 | ·018 | – | – | ·003 | ·013 | ·013 | – | – | ·003 | ·10 | ·030 | ·035 | ·019 | ·045 | ·070 | ·110 | ·110 | ·090 | ·090 | ·009 | ·056 | ·090 | ·010 | ·002 |
| 12 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 13 | – | – | – | – | – | – | – | – | – | ·020 | – | – | ·003 | – | – | – | – | – | ·001 | ·001 | – | – | – | – |
| 14 | – | ·001 | – | – | ·001 | – | ·003 | – | – | ·001 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·050 | ·110 | ·130 | ·010 | – | ·001 | – | – | – |
| 16 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·014 | ·106 |
| 18 | ·100 | ·068 | ·038 | – | – | – | – | ·006 | ·005 | ·029 | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 19 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 20 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 21 | – | ·015 | ·032 | ·038 | ·048 | ·060 | ·002 | – | ·025 | – | ·100 | ·034 | – | – | ·003 | ·004 | ·215 | ·113 | ·040 | – | – | – | – | – |
| 22 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 23 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 24 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 25 | – | – | – | – | – | – | Dew – | | ·006 | | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 | – | – | – | – | – | – | – | – | ·005 | | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 27 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 28 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·001 | – | ·001 | – | – |
| 29 | – | ·002 | ·006 | ·057 | – | – | – | – | – | – | – | – | – | ·025 | ·022 | ·002 | ·006 | – | – | – | – | – | – | – |
| 30 | – | – | – | – | – | – | – | – | – | – | – | ·050 | – | – | – | – | – | – | – | – | – | – | – | – |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | | |
| 26 | 23 | 17 | 18 | 15 | 19 | 17 | 19 | 12 | 20 | 6·5 | 20 | 5·5 | 19 | 6·5 | 19 | 7·5 | 19 | 6·5 | 19 | 7·5 | | | 1 |
| 20 | 19 | 23 | 20 | 21 | 19 | 21 | 20 | 15 | 19 | 14 | 20 | 9·5 | 20 | 10·5 | 19 | 10·5 | 18 | 15 | 18 | 11 | | | 2 |
| 2·5 | 20 | 1·5 | 22 | 10·5 | 24 | 10·5 | 24 | 4·5 | 24 | 4 | 24 | 3 | 24 | 0 | 24 | 5·5 | 24 | 4 | 24 | 6·5 | | | 3 |
| 24 | 22 | 26 | 22 | 22 | 22 | 23 | 22 | 18 | 23 | 14 | 23 | 11 | 24 | 13 | 23 | 13 | 25 | 12 | 26 | 10·5 | | | 4 |
| 22 | 22 | 24 | 22 | 20 | 22 | 19 | 23 | 16 | 22 | 12 | 23 | 9·5 | 22 | 4 | 25 | — | 25 | 1·5 | 25 | 1·5 | | | 5 |
| 6·5 | 13 | 3 | 13 | 2 | 13 | 1·5 | 13 | 3 | 13 | 2 | 13 | 2 | 13 | 3 | 13 | 2 | 13 | 2 | 13 | 1·5 | | | 6 |
| 3·5 | 19 | 6·5 | 19 | 4 | 19 | 5·5 | 19 | 2 | 19 | 1·5 | 19 | 3 | 19 | 4 | 19 | 2 | 19 | 2 | 19 | 4 | | | 7 |
| 9·5 | 21 | 7·5 | 22 | 7·5 | 22 | 6·5 | 20 | 4 | 20 | 3 | 18 | 3 | 18 | 4 | 15 | 4·5 | 15 | 5·5 | 16 | 11 | | | 8 |
| 16 | 21 | 15 | 20 | 13 | 21 | 9·5 | 22 | 8·5 | 20 | 5·5 | 18 | 11 | 20 | 7·5 | 20 | 8·5 | 20 | 6·5 | 20 | 5·5 | | | 9 |
| 32 | 21 | 32 | 20 | 21 | 19 | 23 | 19 | 15 | 21 | 15 | 21 | 15 | 23 | 23 | 22 | 18 | 22 | 18 | 22 | 21 | | | 10 |
| 14 | 18 | 11 | 18 | 10·5 | 17 | 9·5 | 17 | 14 | 19 | 18 | 21 | 26 | 21 | 28 | 21 | 24 | 25 | 19 | 24 | 11 | | | 11 |
| 10·5 | 28 | 7·5 | 26 | 8·5 | 24 | 14 | 25 | 11 | 26 | 13 | 27 | 13 | 27 | 9·5 | 28 | 4·5 | 27 | 2 | 27 | 4 | | | 12 |
| 3 | 3 | 3 | 12 | 3 | 22 | 7·5 | 24 | 7·5 | 26 | 5·5 | 26 | 2 | 26 | 2 | 26 | 2 | 26 | 3 | 28 | 4 | | | 13 |
| 17 | 19 | 22 | 20 | 17 | 20 | 15 | 21 | 14 | 20 | 9·5 | 20 | 7·5 | 20 | 8·5 | 20 | 7·5 | 20 | 4·5 | 20 | 6·5 | | | 14 |
| 16 | 13 | 18 | 19 | 14 | 19 | 13 | 20 | 15 | 22 | 15 | 22 | 7·5 | 22 | 4·5 | 22 | 4·5 | 22 | 4·5 | 22 | 4·5 | | | 15 |
| 4·5 | 8 | 4 | 8 | 2 | 8 | 3 | 8 | 3 | 8 | 1·5 | 8 | 3 | 8 | 3 | 8 | 3 | 8 | 2 | 4 | 3 | | | 16 |
| 15 | 22 | 15 | 22 | 16 | 21 | 10·5 | 21 | 11 | 21 | 5·5 | 21 | 7·5 | 18 | 10·5 | 19 | 14 | 19 | 12 | 17 | 11 | | | 17 |
| 25 | 23 | 24 | 23 | 21 | 22 | 16 | 22 | 9·5 | 22 | 2 | 22 | 4 | 22 | 4 | 22 | 4·5 | 22 | 4 | 22 | 4·5 | | | 18 |
| 15 | 18 | 14 | 19 | 11 | 19 | 10·5 | 19 | 9·5 | 19 | 5·5 | 19 | 5·5 | 19 | 5·5 | 19 | 3 | 18 | 7·5 | 17 | 8·5 | | | 19 |
| 16 | 16 | 15 | 16 | 13 | 15 | 8·5 | 15 | 2 | 12 | 3 | 12 | 2 | 8 | 3 | 6 | 4 | 8 | 4·5 | 6 | 4 | | | 20 |
| 11 | 9 | 12 | 8 | 7·5 | 14 | 8·5 | 14 | 17 | 16 | 6 | 19 | 8 | 17 | 14 | 15 | 6·5 | 15 | 4·5 | 12 | 7·5 | | | 21 |
| 28 | 16 | 29 | 17 | 22 | 17 | 20 | 17 | 23 | 17 | 17 | 16 | 19 | 16 | 17 | 15 | 14 | 15 | 13 | 16 | 14 | | | 22 |
| 4·5 | 14 | 4 | 15 | 5·5 | 15 | 4 | 13 | 2 | 18 | 2 | 18 | 1·5 | 18 | 2 | 18 | 4 | 18 | 3 | 18 | 3 | | | 23 |
| 14 | 22 | 14 | 21 | 10·5 | 22 | 7·5 | 21 | 6·5 | 22 | 7·5 | 20 | 6·5 | 21 | 7·5 | 20 | 6·5 | 20 | 5·5 | 21 | 7·5 | | | 24 |
| 17 | 21 | 18 | 22 | 17 | 22 | 12 | 21 | 13 | 22 | 10·5 | 23 | 10·5 | 22 | 8·5 | 22 | 7·5 | 21 | 4·5 | 19 | 7·5 | | | 25 |
| 4 | 17 | 3 | 15 | 2 | 15 | 4 | 3 | 5·5 | 3 | 4·5 | 2 | 5·5 | 1 | 6·5 | 1 | 4 | 19 | 4 | 19 | 3 | | | 26 |
| 10·5 | 19 | 9·5 | 19 | 6·5 | 20 | 4·5 | 20 | 4 | 21 | 4·5 | 21 | 3 | 21 | 3 | 28 | 4 | 29 | 4 | 29 | 3 | | | 27 |
| 28 | 15 | 29 | 10 | 24 | 17 | 18 | 16 | 17 | 16 | 18 | 16 | 22 | 16 | 22 | 16 | 18 | 15 | 20 | 15 | 24 | | | 28 |
| 27 | 15 | 29 | 15 | 33 | 18 | 28 | 18 | 25 | 18 | 18 | 18 | 14 | 17 | 14 | 16 | 13 | 17 | 5·5 | 20 | 4·5 | | | 29 |
| 11 | 17 | 10·5 | 18 | 8·5 | 20 | 4·5 | 20 | 4 | 20 | 3 | 20 | 2 | 20 | 3 | 20 | 5·5 | 1 | 6·5 | 1 | 6·5 | | | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

Meteorological Office,
116 Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Director.

KEW OBSERVATORY LAT 51°28' N LONG 0°19' W.

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.755 | 29.737 | 29.727 | 29.717 | 29.705 | 29.684 | 29.681 | 29.677 | 29.671 | 29.674 | 29.691 | 29.695 | 29.701 |
| 2 | .768 | .789 | .787 | .796 | .801 | .813 | .827 | .847 | .864 | .873 | .866 | .872 | .886 |
| 3 | .951 | .948 | .935 | .933 | .929 | .927 | .017 | .909 | .902 | .883 | .870 | .841 | .811 |
| 4 | .883 | .731 | .767 | .799 | .823 | .839 | .865 | .871 | 29.885 | 29.891 | 29.904 | 29.900 | .891 |
| 5 | .738 | .944 | .941 | .946 | .958 | .970 | .987 | .993 | 30.002 | 30.004 | 30.007 | 30.001 | .974 |
| 6 | .983 | .979 | .971 | .959 | .959 | .965 | .969 | 29.973 | 29.977 | 29.981 | 29.974 | 29.970 | .958 |
| 7 | .968 | .969 | .969 | .967 | .971 | .985 | .990 | 30.001 | 30.011 | 30.013 | 30.022 | .998 | .980 |
| 8 | .954 | .954 | .954 | .950 | .957 | .966 | .970 | 29.976 | 29.966 | 29.963 | 29.934 | .936 | .922 |
| 9 | .744 | .714 | .674 | .646 | .516 | .601 | .574 | .540 | .518 | .489 | .459 | .447 | .461 |
| 10 | .484 | .481 | .487 | .497 | .513 | .532 | .552 | .570 | .583 | .598 | .602 | .622 | .611 |
| 11 | .742 | .755 | .754 | .756 | .754 | .752 | .741 | .737 | .721 | .684 | .641 | .616 | .585 |
| 12 | .488 | .493 | 29.515 | 29.523 | 29.530 | 29.551 | 29.572 | 29.595 | 29.620 | 29.641 | 29.664 | 29.685 | 29.696 |
| 13 | 29.982 | 29.994 | 30.002 | 30.012 | 30.014 | 30.018 | 30.010 | 30.011 | 30.029 | 30.045 | 30.056 | 30.019 | 30.019 |
| 14 | 30.332 | 30.336 | .336 | .334 | .336 | .346 | .358 | .370 | .366 | .358 | .345 | .342 | .330 |
| 15 | .243 | .213 | .195 | .181 | .183 | .179 | .177 | .179 | .173 | 30.157 | 30.140 | 30.125 | 30.111 |
| 16 | 30.057 | 30.045 | 30.041 | 30.029 | 30.019 | 30.013 | 30.019 | 30.010 | 30.007 | 29.995 | 29.990 | 29.972 | 29.952 |
| 17 | 29.831 | 29.816 | 29.814 | 29.811 | 29.817 | 29.825 | 29.845 | 29.867 | 29.859 | .884 | .881 | .884 | .875 |
| 18 | 29.812 | 29.904 | 29.904 | 29.902 | 29.900 | 29.907 | 29.910 | 29.921 | 29.927 | 29.936 | 29.936 | 29.940 | 29.935 |
| 19 | 30.043 | 30.038 | 30.034 | 30.038 | 30.044 | 30.049 | 30.051 | 30.054 | 30.052 | 30.040 | 30.026 | 30.014 | 30.010 |
| 20 | 29.969 | 29.954 | 29.935 | 29.926 | 29.921 | 29.919 | 29.921 | 29.916 | 29.913 | 29.910 | 29.894 | 29.874 | 29.855 |
| 21 | .691 | .681 | .661 | .635 | .624 | .623 | .619 | .606 | .592 | .603 | .597 | .592 | .590 |
| 22 | .721 | .731 | .735 | .744 | .749 | .773 | .782 | .805 | .829 | .839 | .853 | .868 | .871 |
| 23 | 29.975 | 29.976 | 29.972 | 29.959 | 29.963 | 29.949 | 29.931 | 29.951 | 29.970 | 29.954 | 29.938 | 29.920 | 29.899 |
| 24 | 30.026 | 30.033 | 30.042 | 30.054 | 30.074 | 30.094 | 30.113 | 30.145 | 30.147 | 30.146 | 30.146 | 30.147 | 30.150 |
| 25 | .239 | .238 | .235 | .231 | .225 | .205 | .243 | .247 | .242 | .245 | .229 | .218 | .206 |
| 26 | .212 | .204 | .199 | 30.196 | 30.192 | 30.195 | 30.200 | 30.208 | 30.198 | 30.194 | 30.190 | 30.182 | 30.166 |
| 27 | 30.046 | 30.029 | 30.009 | 29.994 | 29.986 | 29.971 | 29.979 | 29.985 | 29.986 | 29.985 | 29.968 | 29.954 | 29.932 |
| 28 | 29.875 | 29.857 | 29.844 | .840 | .826 | .824 | .832 | .832 | .834 | .829 | .820 | .812 | .790 |
| 29 | .552 | .650 | .632 | .620 | .618 | .658 | .666 | .682 | .686 | .686 | .685 | .690 | .676 |
| 30 | 29.800 | 29.797 | 29.779 | 29.765 | 29.771 | 29.779 | 29.790 | 29.781 | 29.801 | 29.789 | 29.806 | 29.790 | 29.771 |
| 31 | | | | | | | | | | | | | |

# DRY BULB THERMOMETER 10 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 65.2 | 64.8 | 65.0 | 65.0 | 63.6 | 63.8 | 64.9 | 64.3 | 64.4 | 64.8 | 64.5 | 64.1 | 64.7 | 66.5 | 66.6 | 66.1 | 64.5 | 63.8 | 62.4 | 61.4 | 61.0 | 60.2 | 59.9 | 59.3 |
| 2 | 58.2 | 58.7 | 58.0 | 57.9 | 55.0 | 55.2 | 57.4 | 60.0 | 62.0 | 62.7 | 64.8 | 66.5 | 67.2 | 68.1 | 68.1 | 67.0 | 66.9 | 65.0 | 61.5 | 60.0 | 58.9 | 59.0 | 58.9 | 57.7 |
| 3 | 57.2 | 56.9 | 55.9 | 56.1 | 54.4 | 55.4 | 57.4 | 60.9 | 62.2 | 63.9 | 63.9 | 64.0 | 63.7 | 62.1 | 60.7 | 59.2 | 57.6 | 57.3 | 57.0 | 57.3 | 55.3 | 55.0 | 55.0 | 55.0 |
| 4 | 55.3 | 55.8 | 55.3 | 55.1 | 54.4 | 53.2 | 54.0 | 56.3 | 58.4 | 58.1 | 55.0 | 54.1 | 58.0 | 61.6 | 61.3 | 59.6 | 56.6 | 55.7 | 53.8 | 53.5 | 52.6 | 51.4 | 50.1 | 49.1 |
| 5 | 48.0 | 47.4 | 47.6 | 47.8 | 47.8 | 47.9 | 50.1 | 53.0 | 55.8 | 57.2 | 59.6 | 62.1 | 62.0 | 62.8 | 64.1 | 61.7 | 60.7 | 59.0 | 57.5 | 56.0 | 55.6 | 54.9 | 54.1 | 53.5 |
| 6 | 53.3 | 53.0 | 52.6 | 51.4 | 52.0 | 52.4 | 53.5 | 54.8 | 56.3 | 57.0 | 57.5 | 58.0 | 56.1 | 56.1 | 57.6 | 57.1 | 55.9 | 55.6 | 55.6 | 55.9 | 56.0 | 55.9 | 54.8 | |
| 7 | 54.4 | 54.4 | 54.9 | 55.0 | 54.1 | 54.1 | 54.7 | 55.8 | 57.4 | 58.8 | 61.7 | 63.1 | 64.5 | 63.3 | 63.7 | 64.0 | 62.1 | 60.7 | 60.2 | 59.8 | 59.3 | 58.7 | 58.4 | 58.0 |
| 8 | 57.9 | 58.2 | 58.6 | 57.8 | 57.3 | 57.2 | 56.5 | 59.1 | 60.8 | 62.5 | 63.2 | 63.1 | 63.9 | 64.2 | 64.3 | 63.2 | 63.8 | 62.2 | 60.1 | 59.7 | 57.9 | 57.2 | 56.5 | 56.2 |
| 9 | 56.2 | 56.2 | 55.8 | 55.8 | 56.2 | 56.7 | 58.2 | 60.5 | 60.8 | 60.4 | 58.7 | 61.5 | 58.2 | 56.0 | 60.9 | 61.4 | 57.6 | 55.4 | 53.6 | 53.0 | 52.1 | 51.8 | 51.2 | 50.4 |
| 10 | 49.7 | 49.3 | 48.8 | 47.7 | 46.6 | 46.8 | 48.7 | 51.0 | 55.2 | 56.9 | 59.6 | 57.6 | 60.0 | 61.2 | 60.8 | 61.3 | 58.6 | 57.6 | 56.4 | 55.4 | 54.6 | 53.4 | 52.0 | 52.3 |
| 11 | 51.8 | 51.2 | 51.0 | 50.9 | 51.9 | 53.2 | 53.6 | 53.5 | 53.6 | 55.0 | 54.2 | 58.6 | 58.2 | 59.0 | 62.3 | 63.0 | 63.6 | 61.3 | 60.3 | 60.8 | 61.3 | 61.5 | 61.9 | 62.1 |
| 12 | 61.8 | 60.8 | 59.2 | 61.3 | 56.4 | 55.8 | 57.3 | 58.4 | 59.8 | 60.0 | 60.7 | 61.6 | 62.6 | 63.1 | 63.8 | 63.2 | 63.0 | 58.3 | 56.9 | 56.3 | 53.8 | 52.3 | 51.0 | 50.1 |
| 13 | 48.3 | 48.2 | 47.8 | 46.9 | 46.3 | 45.9 | 47.3 | 49.6 | 52.8 | 56.7 | 59.3 | 60.7 | 61.4 | 61.3 | 61.6 | 61.2 | 60.4 | 58.7 | 55.7 | 53.2 | 52.2 | 50.6 | * | * |
| 14 | ... | ... | ... | ... | ... | ... | 51.7 | 53.8 | 57.1 | 60.6 | 60.9 | 61.6 | 61.9 | 64.4 | 63.4 | 63.2 | 62.0 | 58.7 | 55.8 | 53.4 | 51.6 | 51.6 | 50.0 | 50.2 |
| 15 | 49.9 | 49.8 | 50.6 | 50.0 | 49.2 | 46.0 | 50.3 | 53.7 | 55.6 | 58.7 | 59.7 | 60.9 | 62.9 | 63.6 | 64.1 | 64.3 | 63.2 | 61.0 | 59.2 | 57.2 | 56.4 | 50.7 | 55.5 | 54.3 |
| 16 | 53.7 | 53.3 | 53.2 | 53.6 | 54.4 | 54.5 | 56.3 | 57.3 | 60.0 | 62.1 | 63.3 | 63.8 | 64.3 | 63.3 | 64.5 | 63.0 | 62.1 | 60.9 | 61.2 | 59.3 | 57.7 | 56.1 | 56.0 | 56.2 |
| 17 | 50.2 | 55.9 | 55.8 | 54.2 | 52.0 | 51.4 | 51.7 | 52.3 | 51.9 | 53.4 | 54.0 | 54.5 | 55.8 | 57.4 | 58.9 | 58.5 | 58.3 | 56.0 | 55.2 | 55.1 | 52.7 | 52.9 | 51.3 | 49.0 |
| 18 | 47.3 | 45.6 | 44.9 | 45.0 | 47.5 | 48.1 | 50.1 | 52.9 | 56.6 | 58.7 | 60.8 | 59.8 | 61.1 | 61.1 | 62.0 | 60.1 | 59.1 | 58.4 | 56.6 | 55.8 | 53.9 | 52.4 | 51.1 | 49.4 |
| 19 | 46.0 | 45.3 | 44.3 | 43.9 | 42.0 | 43.9 | 46.9 | 50.9 | 55.1 | 57.6 | 59.8 | 61.9 | 61.1 | 62.2 | 61.8 | 61.2 | 59.9 | 59.2 | 57.0 | 56.3 | 54.6 | 53.0 | 55.2 | 55.3 |
| 20 | 56.1 | 55.8 | 55.6 | 55.3 | 55.0 | 55.6 | 56.3 | 58.3 | 61.1 | 63.0 | 65.9 | 66.3 | 66.9 | 66.9 | 66.8 | 66.3 | 64.3 | 62.9 | 62.2 | 61.1 | 60.3 | 59.2 | 58.4 | 58.6 |
| 21 | 56.1 | 54.1 | 55.3 | 56.5 | 58.4 | 58.3 | 59.3 | 62.0 | 65.3 | 66.1 | 66.2 | 65.4 | 68.1 | 66.3 | 66.3 | 64.7 | 64.9 | 60.3 | 58.0 | 55.9 | 53.8 | 53.2 | 53.2 | 52.2 |
| 22 | 55.0 | 55.3 | 55.1 | 55.0 | 55.2 | 55.9 | 57.2 | 58.8 | 60.3 | 62.2 | 62.8 | 63.3 | 64.4 | 63.5 | 62.5 | 63.8 | 61.7 | 59.0 | 56.6 | 55.6 | 54.4 | 54.3 | 53.8 | 52.2 |
| 23 | 51.7 | 51.9 | 51.0 | 48.8 | 48.5 | 50.5 | 52.0 | 53.7 | 55.2 | 55.7 | 58.0 | 59.2 | 61.2 | 62.0 | 62.0 | 61.4 | 61.0 | 60.5 | 59.5 | 59.0 | 58.3 | 57.2 | 55.0 | 54.3 |
| 24 | 52.5 | 51.1 | 50.8 | 50.3 | 50.1 | 51.1 | 52.4 | 55.1 | 57.5 | 59.8 | 62.1 | 64.3 | 64.3 | 63.7 | 64.2 | 64.4 | 64.6 | 61.0 | 58.6 | 57.5 | 56.7 | 57.6 | 57.8 | 57.7 |
| 25 | 57.2 | 57.3 | 57.0 | 56.0 | 55.0 | 63.3 | 54.4 | 57.3 | 61.9 | 64.8 | 68.6 | 70.4 | 72.6 | 73.0 | 73.0 | 71.0 | 69.2 | 67.0 | 64.3 | 63.0 | 61.4 | 59.5 | 59.0 | 57.0 |
| 26 | 54.9 | 54.1 | 52.8 | 51.9 | 50.3 | 48.7 | 49.8 | 55.1 | 60.0 | 63.2 | 67.1 | 69.3 | 72.3 | 72.6 | 74.2 | 73.3 | 69.9 | 65.7 | 62.4 | 59.8 | 57.9 | 55.8 | 54.6 | 52.0 |
| 27 | 52.2 | 50.9 | 50.2 | 48.9 | 47.9 | 47.6 | 49.1 | 51.9 | 54.9 | 57.4 | 62.0 | 65.7 | 71.6 | 72.0 | 72.3 | 70.8 | 68.6 | 66.1 | 62.6 | 59.0 | 57.2 | 55.0 | 53.8 | 53.8 |
| 28 | 54.4 | 55.0 | 54.7 | 54.1 | 53.6 | 52.1 | 53.3 | 59.0 | 60.6 | 63.0 | 64.0 | 65.5 | 65.6 | 66.2 | 65.7 | 64.5 | 63.3 | 62.0 | 61.2 | 59.2 | 59.6 | 59.9 | 59.7 | 60.7 |
| 29 | 60.4 | 59.0 | 60.2 | 59.9 | 59.7 | 58.8 | 58.2 | 58.8 | 60.3 | 61.8 | 64.1 | 64.7 | 64.4 | 64.0 | 63.0 | 61.0 | 59.0 | 58.6 | 58.0 | 56.9 | 55.2 | 54.6 | 53.3 | 53.4 |
| 30 | 54.1 | 53.0 | 52.4 | 52.0 | 51.7 | 52.3 | 52.4 | 53.7 | 55.8 | 57.2 | 58.7 | 60.5 | 61.8 | 63.2 | 63.2 | 61.8 | 59.4 | 57.8 | 56.9 | 57.5 | 55.8 | 55.7 | 56.3 | 57.0 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action.

# HOURLY VALUES *September* 1874

CISTERN 34 FEET ABOVE MEAN SEA LEVEL

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 29.717 | 29.713 | 29.723 | 29.733 | 29.759 | 29.764 | 29.779 | 29.785 | 29.789 | 29.795 | 29.795 | 1 |
| .893 | .899 | .903 | .911 | .919 | .935 | .951 | .955 | .960 | .951 | .955 | 2 |
| .775 | .749 | .711 | .660 | .603 | .554 | .517 | .501 | .543 | .591 | .641 | 3 |
| .582 | .581 | .587 | .581 | .587 | .900 | 29.914 | .924 | .931 | .930 | .932 | 4 |
| .989 | .977 | .974 | .976 | .981 | .989 | 30.000 | .995 | .996 | .995 | .989 | 5 |
| .937 | .919 | .913 | .919 | .920 | .928 | 29.935 | .947 | .950 | .955 | .963 | 6 |
| .984 | .971 | .964 | .955 | .964 | .968 | .961 | .962 | .962 | .958 | .954 | 7 |
| .904 | .890 | .878 | .858 | .849 | .844 | .833 | .828 | .810 | .795 | .770 | 8 |
| .475 | .475 | .475 | .483 | .481 | .494 | .500 | .500 | .499 | .489 | .493 | 9 |
| .624 | .638 | .655 | .662 | .677 | .685 | .696 | .701 | .725 | .730 | .741 | 10 |
| .541 | .529 | .528 | .530 | .530 | .519 | .499 | .486 | .485 | .462 | .483 | 11 |
| 29.704 | 29.712 | 29.726 | 29.740 | 29.778 | 29.809 | 29.849 | 29.887 | 29.917 | 29.914 | 29.970 | 12 |
| .202 | 30.208 | 30.216 | 30.224 | 30.239 | 30.262 | 30.280 | 30.295 | 30.306 | 30.321 | 30.333 | 13 |
| .323 | .322 | .311 | .297 | .295 | .297 | .293 | .287 | .283 | .269 | .257 | 14 |
| .107 | 30.099 | 30.075 | 30.075 | 30.079 | 30.075 | 30.075 | 30.074 | 30.075 | 30.072 | 30.065 | 15 |
| 29.939 | 29.912 | 29.900 | 29.896 | 29.894 | 29.888 | 29.883 | 29.875 | 29.871 | 29.867 | 29.845 | 16 |
| .875 | .875 | .870 | .874 | .880 | .885 | .893 | .897 | .904 | .902 | .913 | 17 |
| .939 | .945 | .952 | .963 | .976 | .995 | 30.010 | 30.022 | 30.030 | 30.036 | 30.050 | 18 |
| .998 | .992 | .985 | .988 | .990 | .988 | 29.978 | .985 | .986 | .985 | .977 | 19 |
| .835 | .817 | .801 | .796 | .786 | .792 | .784 | .775 | .764 | .745 | .718 | 20 |
| .583 | .585 | .575 | .593 | .583 | .613 | .687 | .697 | .698 | .707 | .716 | 21 |
| .881 | .891 | .892 | .901 | .919 | .948 | .958 | .961 | .974 | .979 | .986 | 22 |
| .900 | 29.889 | 29.896 | 29.904 | 29.924 | 29.934 | 29.939 | 29.947 | 29.953 | 29.958 | 29.977 | 23 |
| 30.158 | 30.158 | 30.161 | 30.161 | 30.183 | 30.191 | 30.202 | 30.211 | 30.217 | 30.223 | 30.235 | 24 |
| .201 | .199 | .194 | .197 | .197 | .204 | .211 | .216 | .216 | .214 | .211 | 25 |
| 30.140 | 30.122 | 30.107 | 30.101 | 30.103 | 30.104 | 30.100 | 30.091 | 30.084 | 30.073 | 30.063 | 26 |
| 29.922 | 29.917 | 29.917 | 29.919 | 29.920 | 29.920 | 29.922 | 29.918 | 29.922 | 29.912 | 29.909 | 27 |
| .788 | .766 | .757 | .748 | .736 | .728 | .720 | .712 | .684 | .691 | .676 | 28 |
| .698 | .696 | .703 | .708 | .728 | .740 | .766 | .779 | .799 | .799 | .801 | 29 |
| .776 | 29.766 | 29.754 | 29.742 | 29.736 | 29.728 | 29.695 | 29.652 | 29.613 | 29.576 | 29.540 | 30 |
| | | | | | | | | | | | 31 |

# WET BULB THERMOMETER 10 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62.5 | 62.1 | 61.8 | 61.5 | 61.4 | 61.9 | 62.0 | 63.3 | 63.2 | 63.3 | 63.7 | 63.9 | 63.2 | 63.3 | 61.5 | 61.0 | 60.3 | 60.1 | 58.5 | 58.6 | 58.0 | 57.5 | 57.9 | 1 |
| 57.0 | 56.5 | 55.3 | 53.9 | 53.9 | 55.1 | 56.8 | 58.1 | 58.3 | 57.6 | 57.6 | 58.0 | 58.0 | 58.1 | 57.1 | 56.5 | 56.3 | 55.6 | 55.5 | 55.4 | 56.0 | 55.9 | 55.4 | 2 |
| 55.0 | 54.5 | 54.0 | 53.5 | 54.3 | 55.9 | 58.4 | 58.9 | 60.4 | 60.3 | 59.9 | 58.2 | 58.9 | 58.7 | 57.4 | 55.2 | 56.3 | 55.9 | 58.1 | 54.8 | 53.8 | 53.9 | 53.5 | 3 |
| 54.3 | 53.3 | 53.3 | 52.8 | 51.3 | 51.0 | 52.0 | 54.3 | 53.8 | 54.1 | 52.6 | 53.1 | 53.4 | 53.6 | 53.1 | 54.0 | 52.0 | 51.3 | 51.4 | 50.7 | 50.1 | 49.3 | 48.5 | 4 |
| 47.0 | 47.0 | 47.2 | 47.1 | 47.5 | 49.0 | 50.5 | 51.9 | 52.0 | 52.6 | 53.2 | 53.1 | 52.3 | 54.4 | 52.1 | 50.1 | 51.8 | 50.9 | 50.7 | 51.0 | 50.8 | 50.4 | 50.2 | 5 |
| 50.3 | 50.2 | 49.9 | 50.2 | 50.3 | 51.0 | 52.0 | 53.3 | 53.8 | 55.8 | 55.0 | 56.6 | 55.0 | 55.9 | 55.2 | 55.5 | 55.0 | 55.0 | 54.9 | 55.2 | 55.3 | 55.3 | 54.4 | 6 |
| 54.0 | 54.3 | 54.4 | 53.6 | 53.6 | 54.0 | 54.8 | 56.1 | 57.3 | 57.6 | 58.5 | 58.0 | 56.1 | 57.8 | 57.7 | 57.6 | 57.3 | 57.4 | 57.2 | 57.1 | 57.3 | 57.3 | 56.7 | 7 |
| 56.6 | 56.3 | 56.1 | 56.0 | 55.9 | 56.5 | 56.8 | 57.1 | 57.4 | 57.9 | 57.8 | 59.0 | 59.3 | 59.7 | 60.4 | 60.5 | 59.1 | 57.7 | 56.7 | 55.6 | 55.2 | 54.9 | 54.7 | 8 |
| 54.7 | 54.4 | 54.3 | 54.6 | 55.0 | 55.7 | 56.8 | 56.4 | 57.3 | 57.9 | 54.7 | 53.9 | 52.3 | 52.6 | 52.7 | 51.0 | 50.3 | 49.9 | 49.3 | 48.9 | 49.6 | 49.1 | | 9 |
| 47.1 | 46.7 | 45.7 | 44.7 | 44.7 | 45.9 | 47.9 | 49.9 | 50.2 | 52.1 | 51.9 | 52.0 | 53.0 | 53.3 | 51.2 | 51.1 | 51.4 | 50.0 | 50.2 | 49.7 | 49.4 | 49.2 | 49.4 | 10 |
| 48.5 | 48.0 | 48.8 | 49.6 | 50.2 | 51.3 | 51.7 | 51.9 | 53.4 | 55.4 | 56.2 | 55.8 | 57.0 | 59.8 | 60.4 | 60.2 | 59.2 | 59.1 | 59.8 | 60.2 | 60.2 | 60.4 | 60.0 | 11 |
| 51.7 | 51.2 | 52.5 | 52.7 | 53.0 | 53.7 | 54.6 | 55.3 | 52.2 | 52.7 | 53.3 | 53.3 | 54.1 | 54.0 | 54.2 | 54.3 | 52.7 | 52.7 | 53.0 | 51.7 | 50.4 | 49.7 | 48.6 | 12 |
| 47.3 | 47.2 | 46.3 | 45.7 | 45.3 | 46.3 | 47.9 | 50.4 | 52.6 | 54.2 | 53.5 | 53.9 | 53.7 | 54.2 | 53.3 | 53.4 | 53.5 | 52.1 | 52.9 | 50.7 | 49.7 | * | * | 13 |
| ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 50.2 | 51.4 | 54.1 | 56.2 | 55.1 | 55.5 | 55.6 | 57.3 | 55.0 | 54.6 | 54.7 | 53.4 | 52.1 | 51.0 | 49.9 | 49.8 | 48.8 | 48.4 | 14 |
| 48.7 | 49.5 | 49.3 | 48.6 | 45.5 | 49.5 | 52.0 | 53.7 | 54.1 | 54.5 | 54.3 | 55.6 | 55.7 | 56.3 | 56.2 | 56.1 | 55.6 | 55.3 | 54.9 | 54.7 | 54.8 | 54.2 | 53.3 | 15 |
| 52.6 | 52.7 | 53.1 | 53.5 | 52.5 | 54.8 | 55.4 | 57.5 | 57.9 | 58.9 | 57.6 | 58.0 | 57.7 | 58.8 | 57.7 | 57.3 | 57.1 | 56.8 | 56.2 | 55.3 | 54.2 | 54.1 | 54.3 | 16 |
| 54.1 | 54.0 | 52.9 | 50.3 | 49.6 | 50.0 | 50.9 | 50.2 | 50.6 | 50.9 | 50.8 | 51.9 | 52.3 | 52.5 | 52.2 | 53.3 | 52.5 | 52.0 | 51.3 | 50.3 | 50.1 | 48.8 | 48.3 | 17 |
| 44.3 | 43.9 | 43.8 | 43.6 | 44.2 | 45.8 | 47.2 | 50.4 | 50.2 | 54.6 | 54.3 | 52.3 | 54.0 | 52.3 | 53.1 | 51.8 | 52.7 | 52.5 | 51.9 | 50.6 | 50.5 | 49.6 | 48.2 | 18 |
| 46.5 | 46.3 | 43.3 | 41.7 | 43.3 | 46.3 | 48.9 | 51.9 | 51.8 | 53.7 | 54.4 | 54.6 | 55.0 | 55.1 | 54.4 | 54.6 | 54.6 | 54.2 | 53.6 | 52.8 | 52.4 | 53.7 | 54.1 | 19 |
| 53.7 | 53.7 | 53.6 | 53.2 | 53.2 | 53.7 | 54.8 | 56.6 | 57.5 | 59.1 | 59.0 | 60.2 | 59.8 | 60.0 | 59.8 | 56.8 | 56.3 | 56.2 | 55.9 | 55.9 | 56.2 | 56.3 | 56.9 | 20 |
| 53.2 | 52.9 | 52.7 | 52.1 | 52.0 | 53.5 | 54.9 | 56.1 | 61.9 | 61.3 | 61.1 | 61.0 | 61.4 | 61.6 | 61.3 | 61.7 | 55.7 | 54.3 | 52.3 | 51.3 | 51.4 | 51.6 | 51.1 | 21 |
| 52.1 | 51.9 | 51.0 | 51.8 | 52.3 | 53.5 | 54.3 | 54.0 | 55.0 | 54.7 | 55.4 | 56.3 | 56.6 | 56.3 | 56.4 | 56.2 | 55.0 | 53.7 | 53.3 | 52.6 | 52.7 | 52.3 | 51.4 | 22 |
| 50.9 | 50.2 | 48.5 | 48.3 | 49.8 | 52.3 | 54.1 | 54.7 | 55.8 | 55.0 | 54.0 | 53.9 | 53.7 | 53.9 | 53.4 | 54.8 | 54.2 | 54.0 | 53.7 | 54.6 | 54.0 | 54.0 | 54.0 | 23 |
| 51.2 | 50.6 | 50.2 | 50.4 | 50.9 | 52.3 | 54.9 | 56.0 | 55.2 | 54.3 | 60.0 | 59.5 | 59.2 | 59.8 | 60.0 | 60.0 | 58.4 | 57.0 | 56.2 | 55.6 | 56.0 | 56.2 | 56.1 | 24 |
| 55.5 | 56.0 | 55.2 | 54.5 | 52.8 | 53.9 | 56.0 | 59.2 | 60.8 | 61.7 | 61.6 | 62.5 | 62.3 | 62.5 | 62.2 | 61.7 | 61.0 | 60.1 | 59.2 | 59.2 | 57.6 | 57.1 | 56.0 | 25 |
| 53.2 | 52.3 | 52.7 | 53.3 | 48.4 | 49.2 | 53.8 | 57.0 | 59.3 | 61.9 | 61.0 | 63.5 | 64.0 | 64.3 | 63.5 | 62.1 | 61.0 | 60.0 | 58.2 | 58.6 | 58.0 | 54.0 | 52.2 | 26 |
| 50.3 | 49.9 | 48.5 | 47.8 | 47.3 | 48.7 | 51.3 | 53.9 | 56.1 | 58.9 | 61.7 | 64.3 | 63.0 | 64.7 | 62.0 | 62.0 | 60.4 | 59.8 | 57.6 | 58.1 | 54.1 | 53.3 | 56.3 | 27 |
| 54.2 | 52.2 | 53.0 | 53.2 | 55.7 | 55.6 | 58.0 | 59.0 | 59.8 | 59.2 | 60.1 | 59.5 | 59.7 | 60.1 | 59.3 | 59.0 | 58.2 | 58.4 | 57.0 | 57.3 | 57.6 | 57.0 | 57.3 | 28 |
| 58.8 | 57.0 | 57.4 | 57.8 | 56.3 | 55.0 | 58.3 | 56.0 | 56.3 | 56.3 | 57.9 | 56.5 | 56.0 | 55.7 | 56.7 | 56.2 | 55.2 | 54.6 | 52.6 | 51.9 | 51.4 | 56.7 | 50.9 | 29 |
| 51.3 | 51.2 | 51.3 | 51.0 | 51.6 | 51.7 | 52.1 | 52.6 | 53.1 | 53.0 | 54.1 | 54.6 | 55.0 | 55.3 | 55.0 | 53.9 | 53.0 | 52.7 | 53.7 | 55.3 | 55.4 | 55.1 | 55.5 | 30 |
| | | | | | | | | | | | | | | | | | | | | | | | 31 |

*Meteorological Office,*
*116 Victoria Street Westminster. S W.*

ROBERT H. SCOTT, Director.

KEW OBSERVATORY LAT 51.28 N LONG 0.19 W.

## WIND

DIRECTION IN NUMBERS { 8 – E , 24 – W / 16 – S , 32 – N }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | 1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V |
| 1 | 18 | 24 | 18 | 25 | 19 | 25 | 18 | 23 | 18 | 24 | 17 | 23 | 17 | 23 | 18 | 28 | 18 | 30 | 19 | 30 | 19 | 31 | 19 | 33 | 18 | 30 |
| 2 | 17 | 8·5 | 19 | 8·5 | 17 | 9·5 | 19 | 7·5 | 19 | 4·5 | 19 | 7·5 | 19 | 13 | 20 | 16 | 19 | 19 | 20 | 20 | 19 | 22 | 19 | 28 | 19 | 29 |
| 3 | 18 | 10·5 | 18 | 10·5 | 18 | 4·5 | 18 | 5·5 | 18 | 4 | 18 | 4·5 | 18 | 6·5 | 16 | 12 | 17 | 9·5 | 16 | 10·5 | 16 | 11 | 17 | 8·5 | 16 | 10 |
| 4 | 23 | 13 | 23 | 12 | 22 | 11 | 22 | 10·5 | 22 | 10·5 | 22 | 11 | 21 | 12 | 21 | 18 | 21 | 16 | 20 | 16 | 23 | 13 | 21 | 15 | 21 | 17 |
| 5 | 21 | 6·5 | 21 | 5·5 | 21 | 5·5 | 21 | 4·5 | 21 | 4 | 21 | 6·5 | 21 | 7·5 | 24 | 8·5 | 24 | 12 | 22 | 10·5 | 26 | 11 | 24 | 14 | 24 | 13 |
| 6 | 21 | 5·5 | 21 | 5·5 | 21 | 4 | 21 | 4·5 | 21 | 4 | 21 | 4 | 21 | 3 | 21 | 5·5 | 21 | 6·5 | 19 | 4 | 19 | 8·5 | 19 | 4·5 | 17 | 7 |
| 7 | 19 | 3 | 19 | 3 | 19 | 3 | 19 | 5·5 | 19 | 5·5 | 19 | 5·5 | 19 | 6·5 | 19 | 5·5 | 19 | 5·5 | 19 | 7·5 | 22 | 8·5 | 21 | 7·5 | 20 | 11 |
| 8 | 20 | 8·5 | 21 | 10·5 | 22 | 8·5 | 22 | 5·5 | 20 | 8·5 | 20 | 6·5 | 20 | 7·5 | 19 | 6·5 | 22 | 8·5 | 21 | 4·5 | 20 | 7·5 | 19 | 11 | 18 | 9 |
| 9 | 19 | 9·5 | 18 | 6·5 | 16 | 9·5 | 16 | 7·5 | 17 | 11 | 16 | 11 | 18 | 14 | 17 | 16 | 18 | 19 | 18 | 20 | 17 | 21 | 24 | 18 | 24 | 16 |
| 10 | 19 | 11 | 20 | 10·5 | 20 | 9·5 | 21 | 8·5 | 21 | 7·5 | 20 | 9·5 | 20 | 12 | 21 | 13 | 21 | 18 | 22 | 19 | 21 | 26 | 21 | 16 | 23 | 19 |
| 11 | 21 | 11 | 21 | 9·5 | 21 | 9·5 | 21 | 8·5 | 20 | 10·5 | 19 | 10·5 | 19 | 10·5 | 19 | 12 | 17 | 14 | 17 | 12 | 17 | 17 | 16 | 17 | 16 | 17 |
| 12 | 22 | 15 | 23 | 17 | 23 | 15 | 22 | 14 | 22 | 13 | 22 | 12 | 23 | 14 | 24 | 15 | 25 | 17 | 26 | 14 | 27 | 13 | 25 | 11 | 27 | 13 |
| 13 | 28 | 2 | 21 | 4 | 21 | 4 | 21 | 5·5 | 21 | 5·5 | 21 | 4 | 21 | 4 | 23 | 4·5 | 29 | 4 | 2 | 5·5 | 30 | 5·5 | 32 | 6·5 | 1 | 8 |
| 14 | 3 | 5·5 | 3 | 5·5 | 3 | 4·5 | 3 | 4·5 | 3 | 7·5 | 3 | 4 | 3 | 2 | 3 | 4 | 16 | 9·5 | 17 | 11 | 20 | 13 | 19 | 14 | 19 | 13 |
| 15 | 18 | 4·5 | 18 | 7·5 | 18 | 6·5 | 18 | 4·5 | 18 | 3 | 18 | 4·5 | 18 | 6·5 | 24 | 5·5 | 21 | 11 | 21 | 13 | 20 | 17 | 20 | 18 | 21 | 17 |
| 16 | 20 | 6·5 | 20 | 4 | 20 | 3 | 20 | 4·5 | 20 | 5·5 | 20 | 4·5 | 19 | 10·5 | 19 | 9·5 | 21 | 6·5 | 23 | 6·5 | 23 | 6·5 | 21 | 12 | 20 | 11 |
| 17 | 21 | 4·5 | 20 | 6·5 | 22 | 8·5 | 21 | 7·5 | 21 | 7·5 | 20 | 6·5 | 20 | 8·5 | 21 | 8·5 | 21 | 11 | 20 | 10·5 | 2 | 11 | 2 | 9·5 | 2 | 8 |
| 18 | 23 | 6·5 | 22 | 6·5 | 21 | 5·5 | 21 | 5·5 | 21 | 9·5 | 21 | 7·5 | 21 | 10·5 | 20 | 10·5 | 21 | 13 | 22 | 15 | 23 | 14 | 24 | 14 | 26 | 13 |
| 19 | 24 | 4·5 | 24 | 4 | 24 | 3 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 2 | 24 | 4 | 20 | 5·5 | 19 | 13 | 19 | 13 | 20 | 10·5 | 20 | 12 |
| 20 | 18 | 6·5 | 18 | 4·5 | 18 | 4·5 | 18 | 2 | 18 | 7·5 | 18 | 5·5 | 18 | 9·5 | 16 | 8·5 | 16 | 12 | 14 | 9·5 | 14 | 9·5 | 15 | 14 | 15 | 11 |
| 21 | 9 | 15 | 9 | 10·5 | 9 | 9·5 | 9 | 9·5 | 9 | 8·5 | 9 | 8·5 | 9 | 8·5 | 9 | 8·5 | 13 | 11 | 16 | 14 | 16 | 17 | 15 | 17 | 16 | 15 |
| 22 | 17 | 9·5 | 17 | 10·5 | 16 | 10·5 | 16 | 12 | 16 | 15 | 17 | 19 | 16 | 16 | 17 | 22 | 17 | 27 | 17 | 26 | 18 | 29 | 19 | 24 | 18 | 25 |
| 23 | 17 | 4·5 | 17 | 4 | 17 | 4·5 | 17 | 4·5 | 17 | 4·5 | 9 | 5·5 | 9 | 8·5 | 9 | 4 | 9 | 8·5 | 9 | 8·5 | 7 | 8·5 | 6 | 11 | 6 | 15 |
| 24 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | 3 | 5 | 11·5 | 5 | 2 | 5 | 1·5 | 5 | 4·5 | 17 | 5·5 | 22 | 7·5 | 20 | 8·5 | 20 | 10·5 | 23 | 10 |
| 25 | 20 | 3 | 20 | 5·5 | 20 | 6·5 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 3 | 20 | 5·5 | 19 | 11 | 19 | 12 | 20 | 17 | 20 | 17 | 21 | 20 |
| 26 | 19 | 4 | 19 | 4 | 19 | 3 | 19 | 2 | 19 | 2 | 19 | 1·5 | 19 | 2 | 19 | 2 | 19 | 3 | 19 | 3 | 19 | 3 | 19 | 4·5 | 19 | 5 |
| 27 | 16 | 3 | 16 | 4 | 16 | 2 | 16 | 3 | 16 | 3 | 16 | 1·5 | 16 | 2 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 2 | 16 | 3 | 16 | 6 |
| 28 | 17 | 4 | 17 | 4 | 17 | 4 | 17 | 2 | 17 | 3 | 17 | 4·5 | 18 | 4·5 | 18 | 6·5 | 20 | 8·5 | 18 | 10·5 | 19 | 17 | 19 | 19 | 18 | 24 |
| 29 | 17 | 18 | 17 | 18 | 17 | 20 | 18 | 24 | 19 | 18 | 20 | 14 | 20 | 11 | 19 | 8·5 | 18 | 14 | 18 | 17 | 17 | 25 | 18 | 25 | 19 | 30 |
| 30 | 19 | 4 | 19 | 4·5 | 13 | 5·5 | 11 | 5·5 | 11 | 2 | 11 | 4·5 | 14 | 5·5 | 14 | 7·5 | 14 | 4 | 15 | 5·5 | 18 | 7·5 | 19 | 8·6 | 18 | 8 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | |

## RAINFALL

GAUGE { HEIGHT ABOVE GROUND 2 FEET. / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | – | ·006 | – | – | ·020 | – | – | – | – | – | – | – | – | ·005 | ·005 | – | – | – | ·005 | ·005 | – | – | – | ·025 |
| 3 | ·020 | – | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 4 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·010 | ·040 | ·025 | – | ·020 | ·040 | ·385 | ·093 | ·050 | ·040 |
| 5 | – | – | – | – | – | – | – | – | – | – | ·040 | ·070 | – | – | – | ·050 | ·015 | – | – | – | – | – | – | – |
| 6 | – | – | – | – | – | – | – | – | – | ·005 | – | – | – | – | – | – | ·005 | – | – | – | – | – | – | – |
| 7 | – | – | – | – | – | – | – | – | – | ·010 | ·065 | ·010 | ·050 | ·040 | – | – | ·030 | ·055 | ·010 | ·005 | – | – | – | – |
| 8 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·015 | – |
| 9 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 10 | – | – | – | – | – | – | – | – | – | ·090 | – | ·050 | ·025 | – | – | – | – | – | – | – | – | – | ·005 | – |
| 11 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·030 | – | – | – | – | – | – |
| 12 | – | – | – | – | – | – | – | ·070 | ·025 | ·020 | – | – | – | – | – | – | – | ·030 | ·035 | ·060 | ·040 | ·020 | ·005 | ·010 |
| 13 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 14 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 15 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 16 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 17 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 18 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 19 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 20 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·020 | – |
| 21 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 22 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 23 | – | – | – | – | – | – | – | – | – | ·035 | ·040 | ·030 | – | – | – | – | – | – | – | – | – | – | – | – |
| 24 | – | – | – | – | ·005 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 25 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 26 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 27 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 28 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 29 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – | – |
| 30 | – | ·045 | ·050 | ·045 | – | ·010 | ·005 | ·010 | – | – | – | – | – | – | – | – | – | – | – | – | – | – | ·220 | ·400 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

# HOURLY VALUES *September* 1874

## AND VELOCITY IN MILES PER HOUR

| 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | | |
| | 21 | 19 | 19 | 20 | 17 | 19 | 18 | 19 | 13 | 18 | 12 | 18 | 8·3 | 18 | 8·5 | 18 | 6·5 | 17 | 6·5 | 19 | 7·5 | | | 1 |
| 9 | 29 | 19 | 29 | 19 | 24 | 19 | 23 | 18 | 19 | 18 | 12 | 18 | 11 | 18 | 9·5 | 18 | 12 | 18 | 9·5 | 18 | 9·5 | | | 2 |
| | 5·5 | 16 | 6·5 | 13 | 7·5 | 10 | 9·5 | 5 | 13 | 6 | 15 | 4 | 12 | 2 | 20 | 30 | 17 | 27 | 13 | 26 | 12 | | | 3 |
| 2 | 21 | 22 | 19 | 23 | 14 | 22 | 12 | 21 | 11 | 20 | 8·5 | 20 | 7·5 | 22 | 6·5 | 21 | 7·5 | 21 | 6·5 | 21 | 5·5 | | | 4 |
| + | 15 | 24 | 14 | 23 | 14 | 24 | 14 | 24 | 10·5 | 24 | 10·5 | 23 | 7·5 | 23 | 5·5 | 23 | 6·5 | 23 | 7·5 | 23 | 6·5 | | | 5 |
| | 6·5 | 17 | 9·5 | 18 | 5·5 | 19 | 4 | 19 | 4·5 | 19 | 4 | 19 | 6·5 | 19 | 4 | 19 | 2 | 19 | 3 | 19 | 5·5 | | | 6 |
| | 12 | 21 | 12 | 19 | 10·5 | 19 | 12·5 | 19 | 10·5 | 20 | 8·5 | 20 | 9·5 | 19 | 8·5 | 19 | 8·5 | 19 | 8·5 | 19 | 9·5 | | | 7 |
| | 8·5 | 18 | 12 | 19 | 8·5 | 18 | 9·5 | 18 | 10·5 | 18 | 9·5 | 19 | 12 | 19 | 9·5 | 19 | 8·5 | 19 | 7·5 | 19 | 6·5 | | | 8 |
| 2 | 13 | 23 | 17 | 23 | 15 | 20 | 12 | 19 | 12 | 20 | 8·5 | 20 | 9·5 | 20 | 11 | 20 | 10·5 | 21 | 7·5 | 21 | 8·5 | | | 9 |
| | 22 | 19 | 26 | 23 | 21 | 22 | 14 | 21 | 15 | 21 | 14 | 20 | 22 | 21 | 18 | 20 | 15 | 21 | 16 | 20 | 14 | | | 10 |
| / | 8·5 | 21 | 12 | 22 | 11 | 21 | 14 | 20 | 11 | 20 | 13 | 19 | 16 | 19 | 22 | 20 | 23 | 22 | 21 | 22 | 17 | | | 11 |
| | 8·5 | 27 | 11 | 28 | 10·5 | 29 | 8·5 | 2 | 8·5 | 2 | 4·5 | 2 | 4 | 2 | 4·5 | 2 | 4 | 2 | 2 | 28 | 4·5 | | | 12 |
| L | 4 | 2 | 7·5 | 3 | 6·5 | 3 | 4·5 | 3 | 5·5 | 3 | 2 | 3 | 1·5 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 5·5 | | | 13 |
| o | 12 | 20 | 15 | 18 | 17 | 18 | 14 | 18 | 11 | 18 | 7·5 | 18 | 6·5 | 18 | 4·5 | 18 | 5·5 | 18 | 4·5 | 18 | 5·5 | | | 14 |
| | 14 | 23 | 16 | 22 | 12 | 22 | 10·5 | 21 | 7·5 | 19 | 8·5 | 19 | 6·5 | 20 | 7·5 | 20 | 7·5 | 20 | 5·5 | 20 | 4·5 | | | 15 |
| | 6·5 | 20 | 8·5 | 22 | 7·5 | 22 | 5·5 | 22 | 4 | 22 | 5·5 | 21 | 5·5 | 21 | 5·5 | 21 | 5·5 | 21 | 4 | 21 | 4 | | | 16 |
| | 7·5 | 3 | 5·5 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 4·5 | 3 | 5·5 | 28 | 4·5 | 25 | 4 | 25 | 7·5 | 23 | 6·5 | | | 17 |
| | 15 | 25 | 15 | 24 | 9·5 | 24 | 8·5 | 24 | 4·5 | 24 | 5·5 | 24 | 5·5 | 24 | 5·5 | 24 | 5·5 | 24 | 4·5 | 24 | 4 | | | 18 |
| | 13 | 18 | 14 | 18 | 8·5 | 18 | 12 | 18 | 7·5 | 18 | 8·5 | 18 | 8·5 | 18 | 5·5 | 18 | 4·5 | 18 | 5·5 | 18 | 5·5 | | | 19 |
| | 13 | 14 | 12 | 13 | 11 | 12 | 10·5 | 11 | 10·5 | 10 | 12 | 9 | 12 | 9 | 4 | 8 | 10·5 | 9 | 11 | 9 | 12 | | | 20 |
| | 19 | 15 | 15 | 16 | 16 | 18 | 18 | 19 | 14 | 18 | 9·5 | 18 | 8·5 | 18 | 7·5 | 17 | 6·5 | 14 | 6·5 | 15 | 7·5 | | | 21 |
| | 24 | 18 | 21 | 17 | 18 | 17 | 15 | 17 | 10·5 | 17 | 8·5 | 17 | 8·5 | 17 | 6·5 | 17 | 7·5 | 17 | 4·5 | 17 | 4·5 | | | 22 |
| | 12 | 7 | 8·5 | 5 | 6·5 | 5 | 5·5 | 5 | 6·5 | 5 | 4 | 5 | 3 | 5 | 3 | 5 | 2 | 5 | 3 | 5 | 3 | | | 23 |
| | 8·5 | 20 | 11 | 20 | 11 | 21 | 10·5 | 20 | 6·5 | 20 | 6·5 | 20 | 6·5 | 20 | 4·5 | 20 | 4·5 | 20 | 5·5 | 20 | 3 | | | 24 |
| | 16 | 22 | 10·5 | 21 | 8·5 | 19 | 9·5 | 19 | 5·5 | 19 | 8·5 | 19 | 6·5 | 19 | 14 | 19 | 4 | 19 | 4 | 19 | 4 | | | 25 |
| | 7·5 | 16 | 7·5 | 16 | 6·5 | 16 | 5·5 | 16 | 4 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 3 | 16 | 4 | 16 | 3 | | | 26 |
| | 9·5 | 18 | 8·5 | 20 | 11 | 20 | 9·5 | 20 | 7·5 | 20 | 4 | 20 | 2 | 20 | 1·5 | 20 | 2 | 20 | 3 | 19 | 8·5 | | | 27 |
| | 23 | 18 | 22 | 18 | 19 | 17 | 14 | 17 | 11 | 17 | 10·5 | 17 | 9·5 | 16 | 12 | 17 | 13 | 17 | 13 | 18 | 16 | | | 28 |
| | 29 | 18 | 23 | 21 | 19 | 19 | 12 | 20 | 14 | 20 | 14 | 20 | 11 | 19 | 9·5 | 19 | 5·5 | 19 | 4·5 | 19 | 4 | | | 29 |
| | 9·5 | 15 | 8·5 | 13 | 5·5 | 13 | 5·5 | 13 | 4·5 | 13 | 6·5 | 10 | 10·5 | 8 | 17 | 7 | 13 | 8 | 15 | 8 | 13 | | | 30 |
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